

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
 Data File : BM007276.D
 Acq On : 24 Aug 2016 11:03
 Operator : UM/SJ
 Sample : MDL-01-W
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-W

Manual Integrations
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 8/24/2016 7:28:20 PM

Quant Time: Aug 24 13:58:05 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 24 13:51:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	247114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1256215	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	912255	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2531298	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	3668830	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	4156377	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	12555	2.60	ng/uL	0.00
5) Phenol-d5	6.97	99	541551	23.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	321705	26.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	430571	24.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	486010	23.87	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	233240	25.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	273753	25.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	498284	23.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	699944	26.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	2073176	26.34	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2323896	25.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	389452	26.21	ng/ul	0.00
57) Fluorene-d10	15.43	176	1763871	25.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	397862	25.00	ng/ul	0.00
70) Anthracene-d10	17.27	188	3013034	25.48	ng/ul	0.00
76) Pyrene-d10	19.57	212	3858301	25.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	4850897	25.34	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	3579m	0.66	ng/uL
4) Benzaldehyde	6.95	77	33753	2.54	ng/ul
6) Phenol	6.99	94	48054	1.98	ng/ul
8) Bis(2-Chloroethyl)ether	7.23	93	37038	2.20	ng/ul
10) 2-Chlorophenol	7.37	128	36402	2.06	ng/ul
11) 2-Methylphenol	8.24	108	36777	1.94	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.34	45	41477	2.19	ng/ul
14) Acetophenone	8.62	105	68637	2.20	ng/ul
15) N-Nitroso-di-n-propylamine	8.60	70	35704	2.15	ng/ul
16) 4-Methylphenol	8.56	108	41972	1.98	ng/ul
17) Hexachloroethane	8.87	117	13821	2.01	ng/ul
20) Nitrobenzene	9.00	77	54989	2.32	ng/ul
21) Isophorone	9.52	82	99795	2.07	ng/ul
23) 2-Nitrophenol	9.70	139	24257	2.07	ng/ul#
24) 2,4-Dimethylphenol	9.76	107	53321	2.06	ng/ul
25) Bis(2-Chloroethoxy)methane	10.00	93	54647	2.01	ng/ul
27) 2,4-Dichlorophenol	10.23	162	43266	2.03	ng/ul#
28) Naphthalene	10.64	128	131185	2.10	ng/ul
30) 4-Chloroaniline	10.75	127	59038	2.14	ng/ul
31) Hexachlorobutadiene	10.92	225	31939	2.22	ng/ul
32) Caprolactam	11.55	113	16767m	1.95	ng/ul
33) 4-Chloro-3-methylphenol	11.87	107	50587	1.92	ng/ul
34) 2-Methylnaphthalene	12.25	142	106938	2.09	ng/ul

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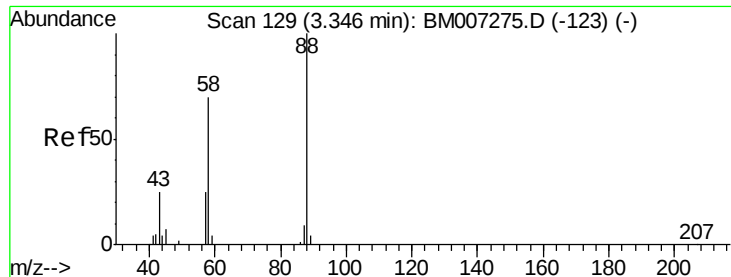
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	63279	2.08	ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	29785	1.63	ng/ul	100
38) 2,4,6-Trichlorophenol	12.86	196	41074	1.91	ng/ul	100
39) 2,4,5-Trichlorophenol	12.93	196	43188	1.93	ng/ul	96
40) 1,1'-Biphenyl	13.26	154	153891	2.18	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	119166	2.15	ng/ul	97
42) 2-Nitroaniline	13.51	65	33809	1.87	ng/ul	92
44) Dimethylphthalate	13.89	163	177672	2.27	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	30814	1.92	ng/ul	90
47) Acenaphthylene	14.15	152	202956	2.16	ng/ul	99
48) 3-Nitroaniline	14.34	138	31986	1.96	ng/ul	92
49) Acenaphthene	14.50	153	132011	2.16	ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	15005	1.38	ng/ul	95
52) 4-Nitrophenol	14.64	109	37132	2.35	ng/ul	91
53) Dibenzofuran	14.83	168	195402	2.14	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	52096	2.12	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.06	232	45917	2.00	ng/ul#	97
56) Diethylphthalate	15.26	149	180100	2.20	ng/ul	98
58) Fluorene	15.48	166	169960	2.26	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	89909	2.28	ng/ul	98
60) 4-Nitroaniline	15.50	138	39000	2.10	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.56	198	36785	2.17	ng/ul#	80
64) N-Nitrosodiphenylamine	15.69	169	149928	2.12	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	60374	2.11	ng/ul	96
66) Hexachlorobenzene	16.48	284	70760	2.21	ng/ul	97
67) Atrazine	16.64	200	63814	2.14	ng/ul	100
68) Pentachlorophenol	16.83	266	35830	1.73	ng/ul	99
69) Phenanthrene	17.22	178	299203	2.20	ng/ul	99
71) Anthracene	17.31	178	304073	2.17	ng/ul	98
72) Carbazole	17.58	167	272274	2.23	ng/ul	99
73) Di-n-butylphthalate	18.14	149	318198	2.07	ng/ul	98
74) Fluoranthene	19.23	202	402812	2.36	ng/ul	98
77) Pyrene	19.60	202	437660	2.22	ng/ul	97
78) Butylbenzylphthalate	20.49	149	151556	1.85	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	155846	2.14	ng/ul	98
80) Benzo(a)anthracene	21.34	228	495352	2.29	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	234581	1.97	ng/ul	98
82) Chrysene	21.39	228	452119	2.31	ng/ul	98
84) Di-n-octyl phthalate	22.16	149	416392	2.01	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	563565	2.29	ng/ul	100
86) Benzo(k)fluoranthene	22.99	252	506364	2.23	ng/ul	99
88) Benzo(a)pyrene	23.53	252	544778	2.32	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.92	276	659877	2.29	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	559435	2.33	ng/ul	96
91) Benzo(g,h,i)perylene	26.62	276	554391	2.26	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 0.66 ng/uL m

RT: 3.35 min Scan# 129

Delta R.T. -0.00 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_M

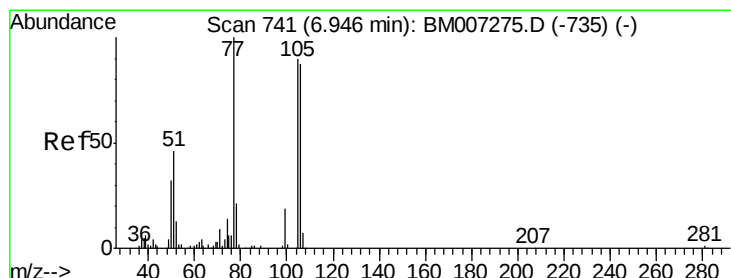
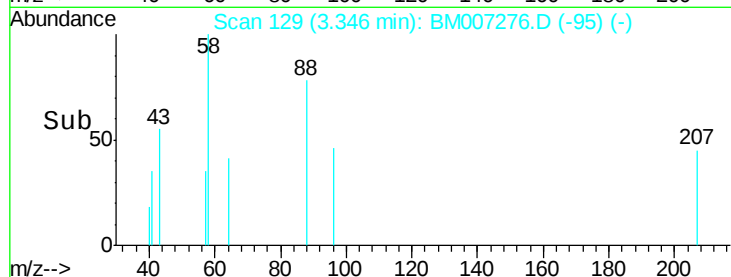
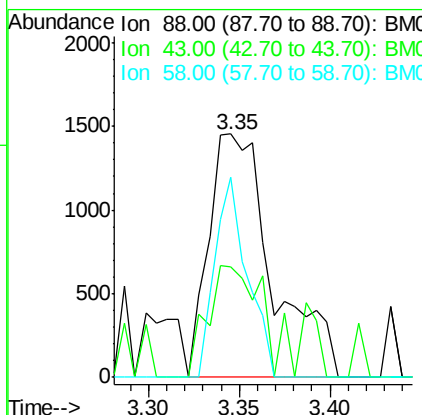
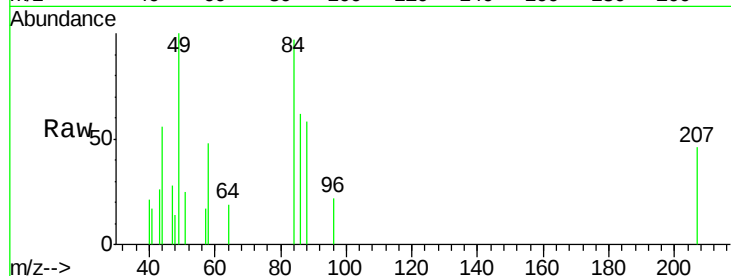
ClientSampleId :

MDL-01-W

Tgt Ion:	88	Resp:	3579
Ion Ratio	Lower	Upper	
88	100		
43	30.2	22.6	34.0
58	41.5	57.3	85.9#

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#4

Benzaldehyde

Concen: 2.54 ng/uL

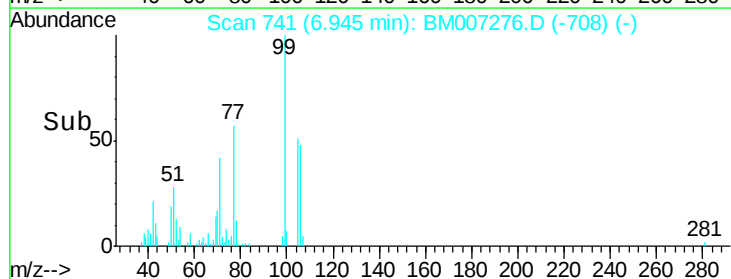
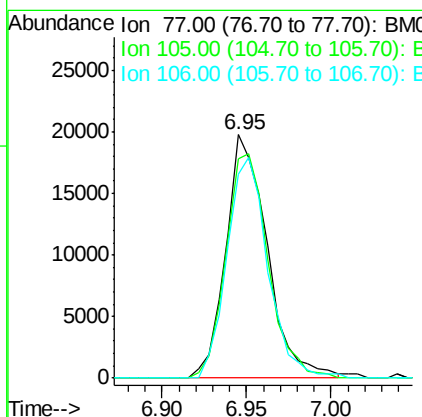
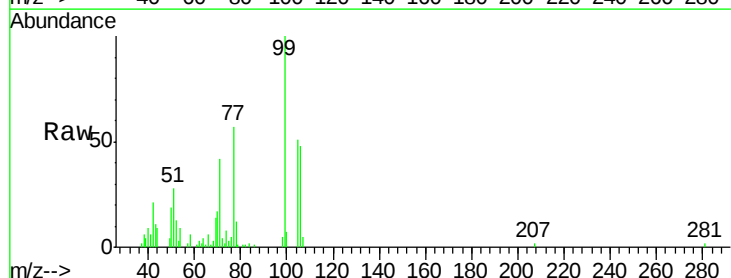
RT: 6.95 min Scan# 741

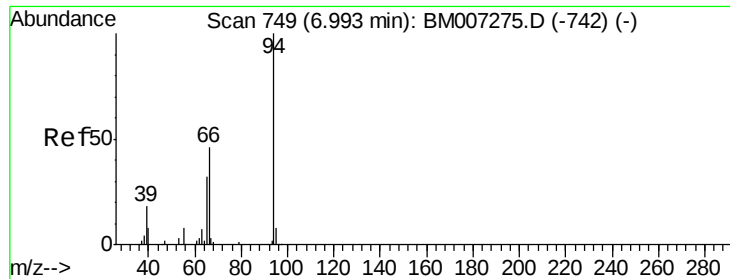
Delta R.T. -0.01 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Tgt Ion:	77	Resp:	33753
Ion Ratio	Lower	Upper	
77	100		
105	90.0	76.9	115.3
106	84.0	71.8	107.8





#6

Phenol

Concen: 1.98 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_M

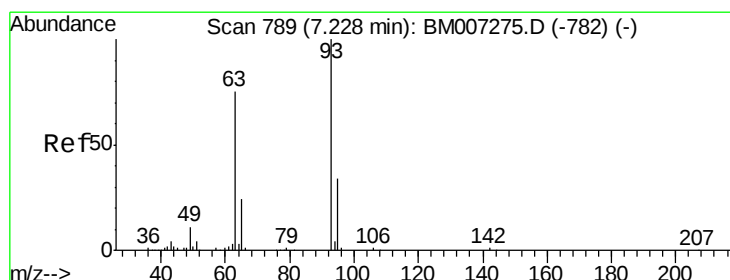
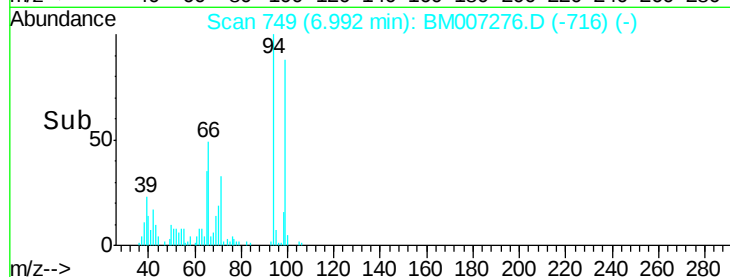
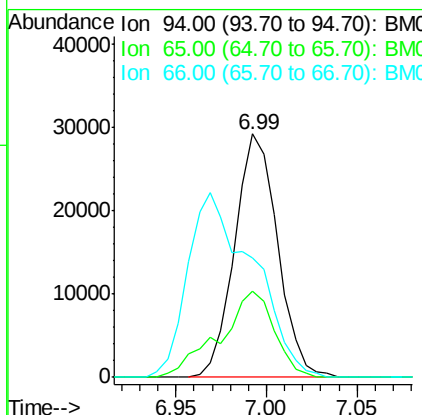
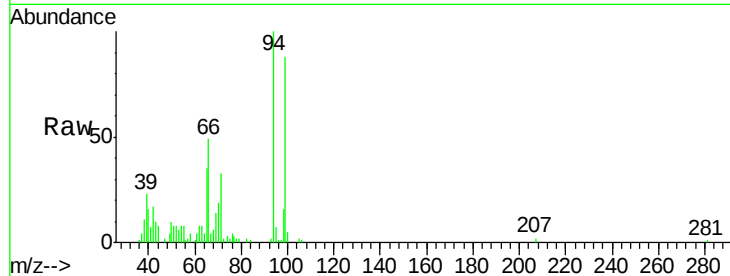
ClientSampled :

MDL-01-W

Tgt Ion:	94	Resp:	48054
Ion	Ratio	Lower	Upper
94	100		
65	35.1	23.9	35.9
66	49.0	33.5	50.3

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#8

Bis(2-Chloroethyl)ether

Concen: 2.20 ng/ul

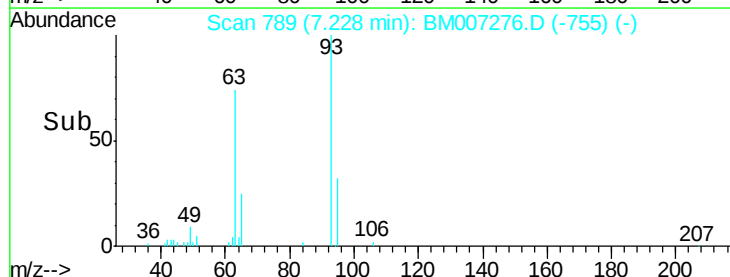
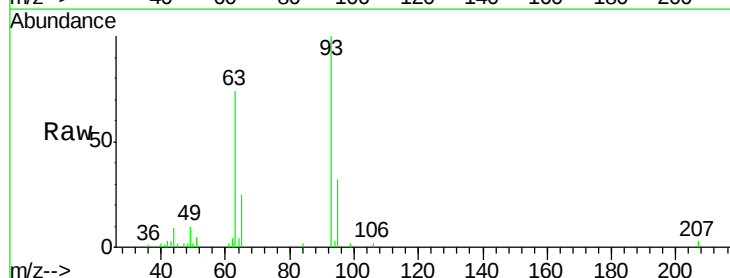
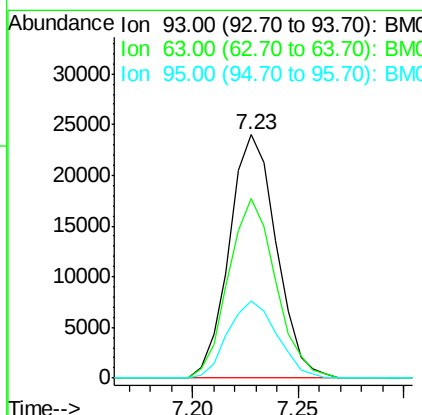
RT: 7.23 min Scan# 789

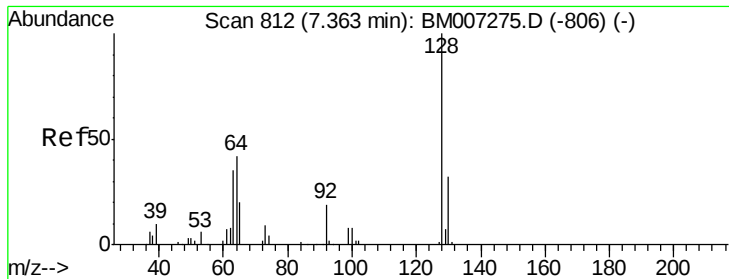
Delta R.T. -0.00 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Tgt Ion:	93	Resp:	37038
Ion	Ratio	Lower	Upper
93	100		
63	73.9	57.3	85.9
95	31.7	25.1	37.7





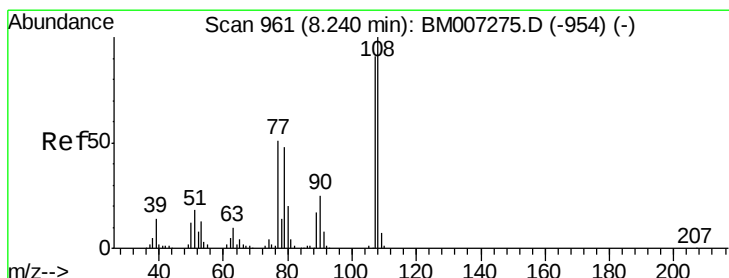
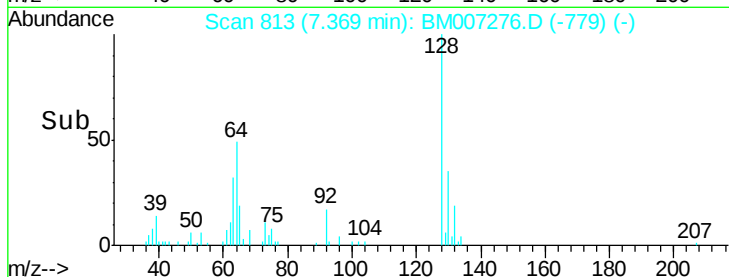
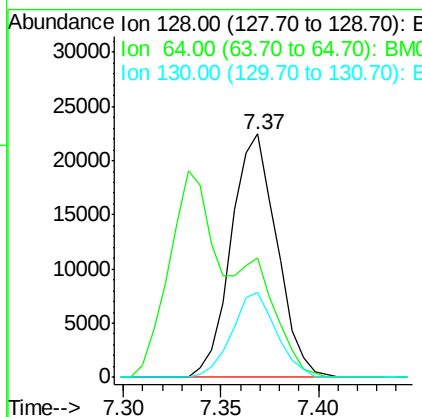
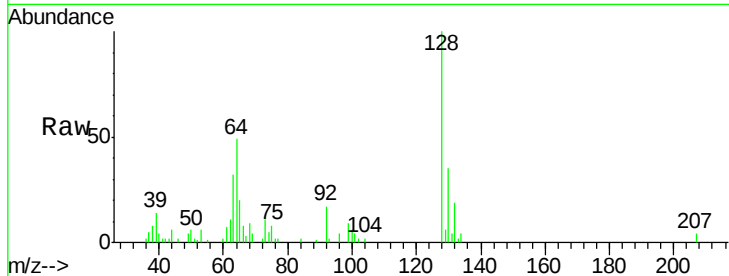
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2-Chlorophenol
Concen: 2.06 ng/ul
RT: 7.37 min Scan# 813
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

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BNA_M
ClientSampleId :
MDL-01-W

Tgt Ion	Ratio	Lower	Upper
128	100		
64	49.2	37.5	56.3
130	34.7	25.0	37.4

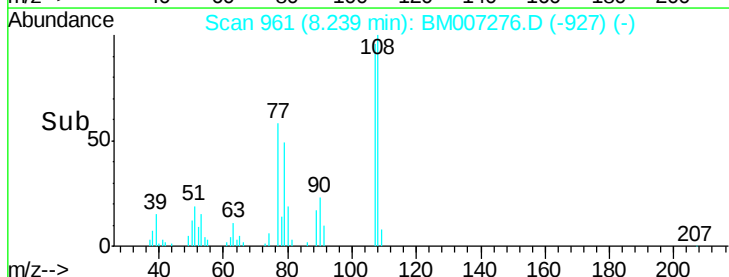
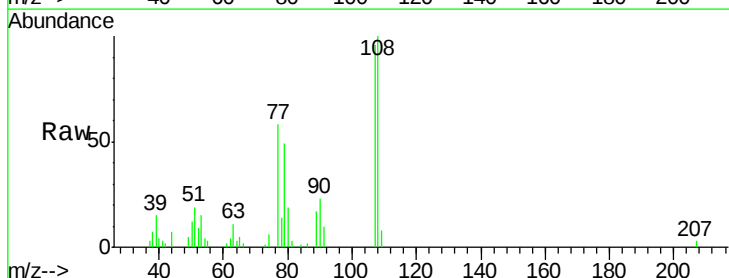
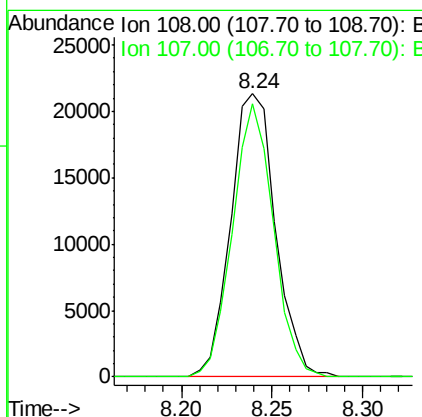
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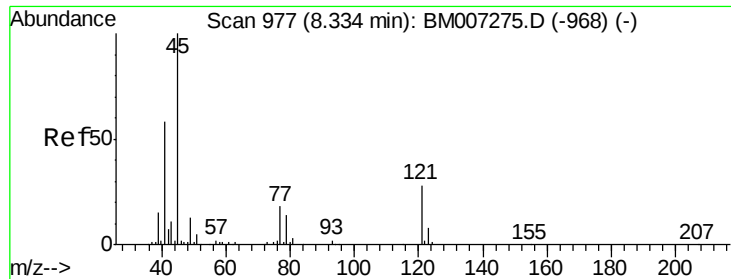
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#11
2-Methylphenol
Concen: 1.94 ng/ul
RT: 8.24 min Scan# 961
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Lower	Upper
108	100		
107	96.4	71.8	107.6





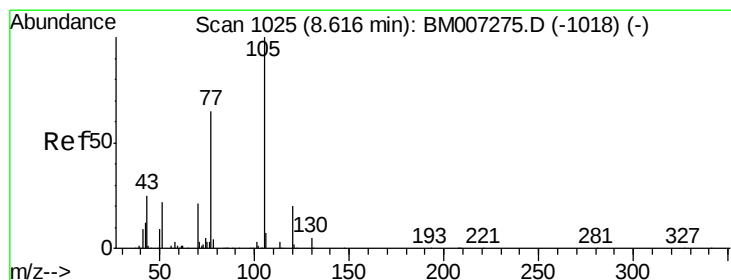
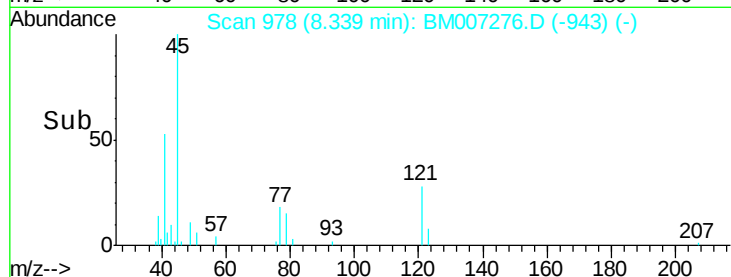
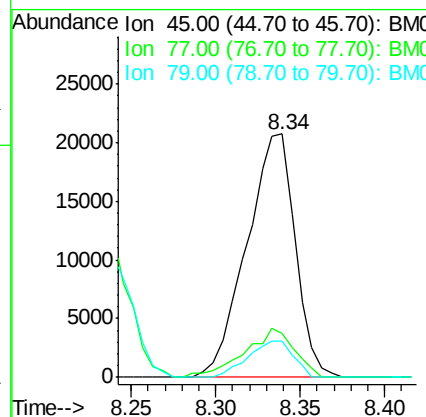
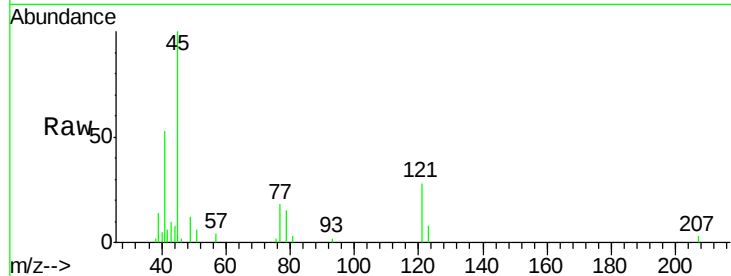
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 2,2'-oxybis(1-Chloropropane)
 Concen: 2.19 ng/ul
 RT: 8.34 min Scan# 978
 Delta R.T. 0.01 min
 Lab File: BM007276.D
 Acq: 24 Aug 2016 11:03

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 ClientSampled :
 MDL-01-W

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.8	14.1	21.1
79	15.1	10.4	15.6

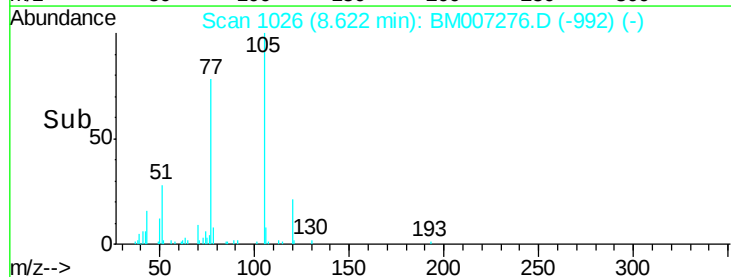
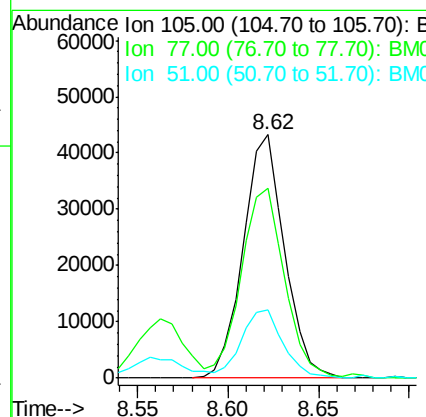
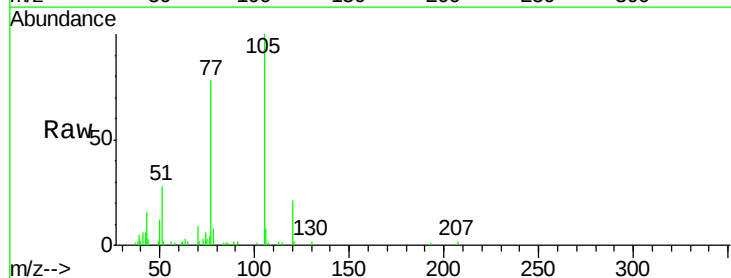
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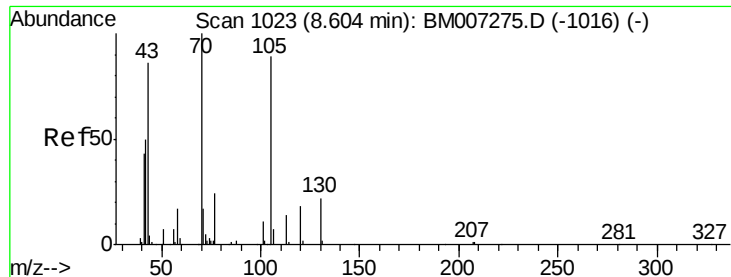
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#14
 Acetophenone
 Concen: 2.20 ng/ul
 RT: 8.62 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BM007276.D
 Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Lower	Upper
105	100		
77	78.1	65.9	98.9
51	28.2	22.2	33.2





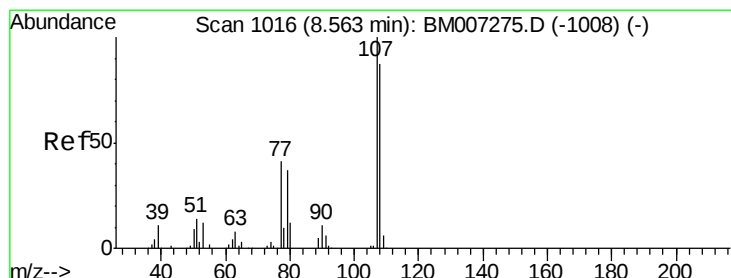
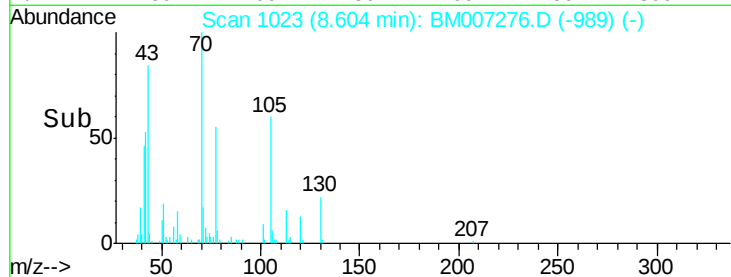
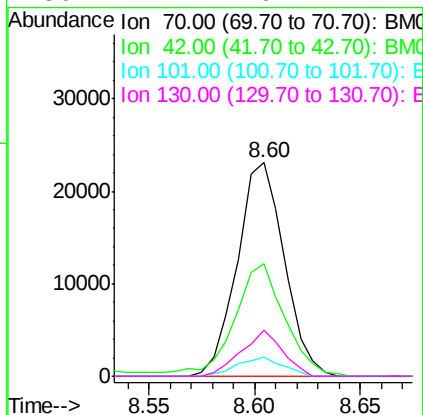
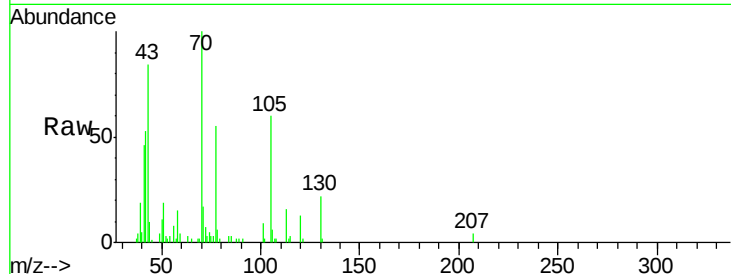
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N-Nitroso-di-n-propylamine
Concen: 2.15 ng/ul
RT: 8.60 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.9	43.4	65.2
101	9.0	7.8	11.6
130	21.7	16.2	24.4

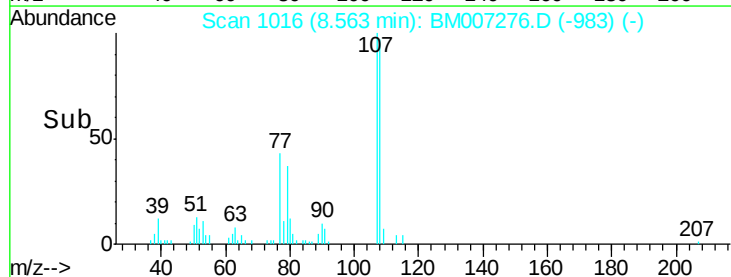
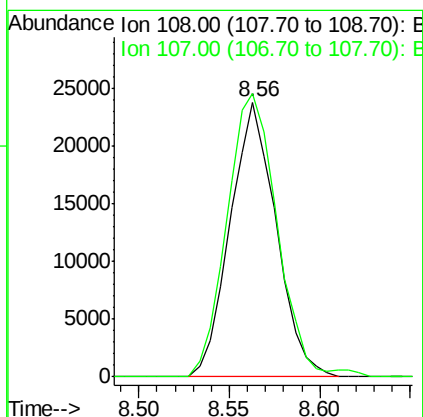
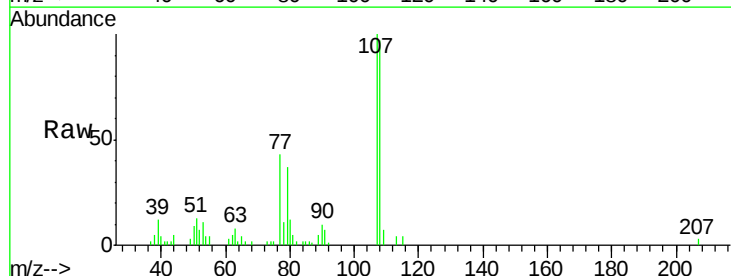
Manual Integrations
APPROVED

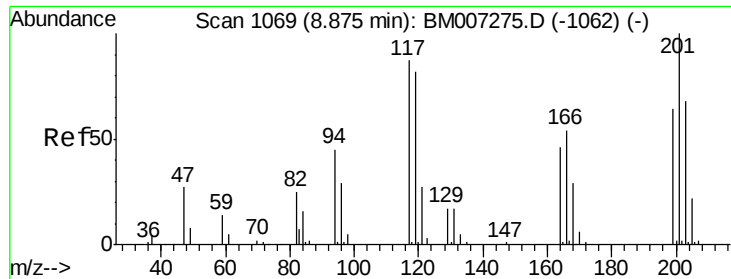
sohil
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#16
4-Methylphenol
Concen: 1.98 ng/ul
RT: 8.56 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Lower	Upper
108	100		
107	103.1	87.8	131.8





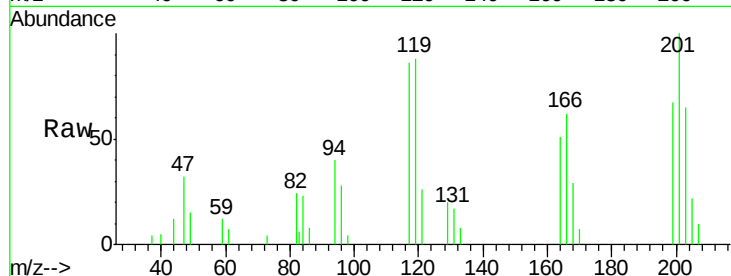
#17
 Hexachloroethane
 Concen: 2.01 ng/ul
 RT: 8.87 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BM007276.D
 Acq: 24 Aug 2016 11:03

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-W

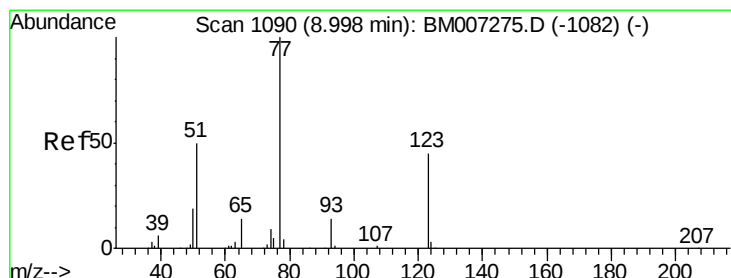
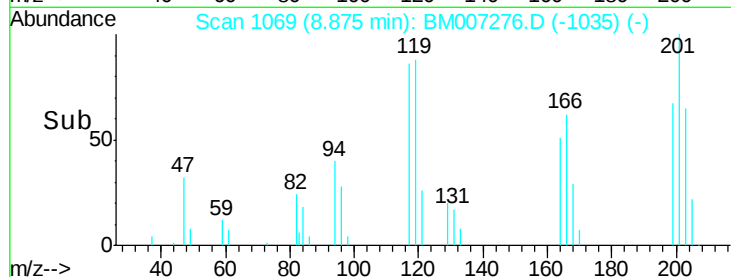
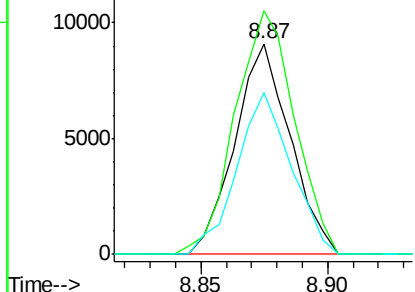
Tgt Ion:	117	Resp:	13821
Ion Ratio	Lower	Upper	
117	100		
201	115.7	90.3	135.5
199	77.1	58.5	87.7

Manual Integrations
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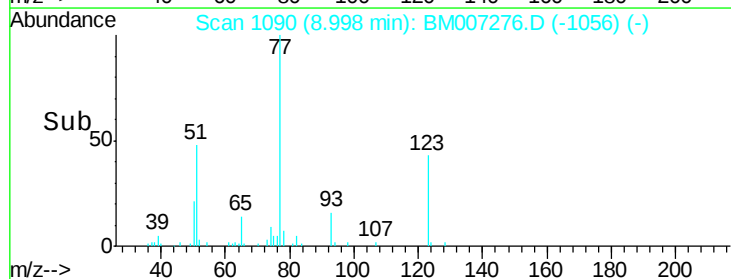
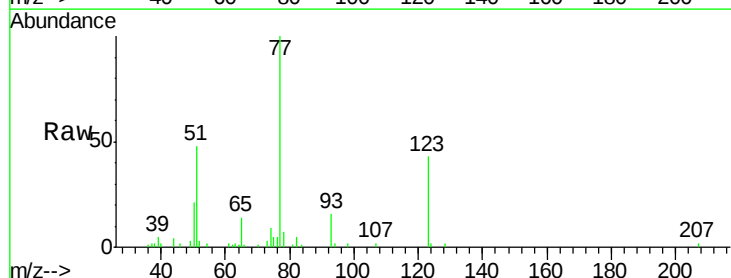
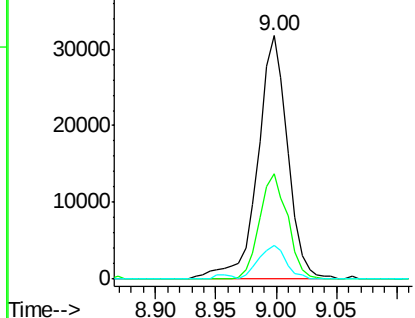
Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 201.00 (200.70 to 201.70): E
 Ion 199.00 (198.70 to 199.70): E

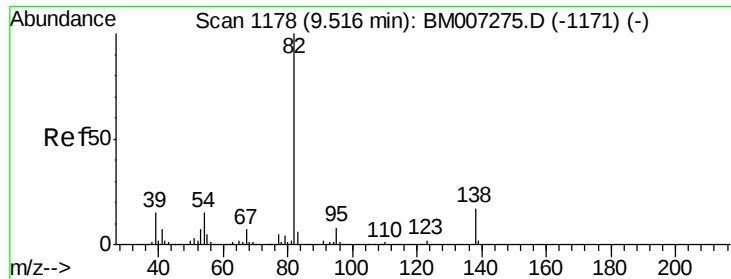


#20
 Nitrobenzene
 Concen: 2.32 ng/ul
 RT: 9.00 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BM007276.D
 Acq: 24 Aug 2016 11:03

Tgt Ion:	77	Resp:	54989
Ion Ratio	Lower	Upper	
77	100		
123	43.1	34.2	51.4
65	14.1	11.0	16.6

Abundance Ion 77.00 (76.70 to 77.70): BM
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 2.07 ng/ul

RT: 9.52 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_M

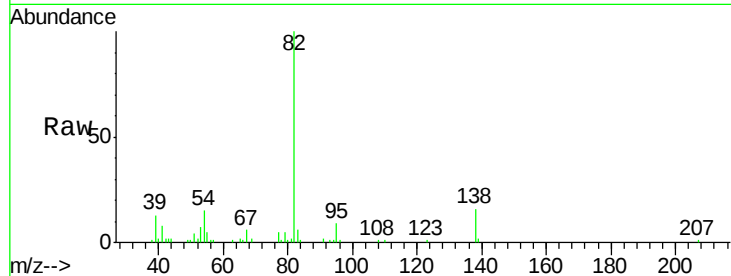
ClientSampleId :

MDL-01-W

Tgt Ion:	82	Resp:	99795
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.9	10.3
138	16.3	13.8	20.8

Manual Integrations
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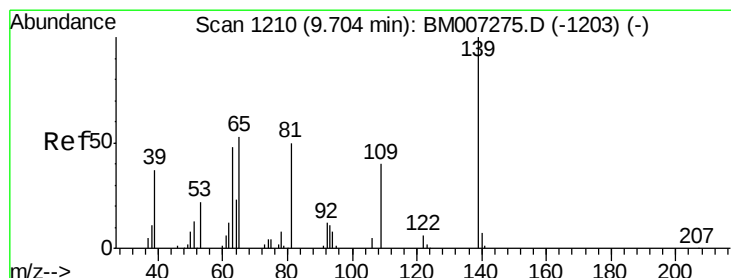
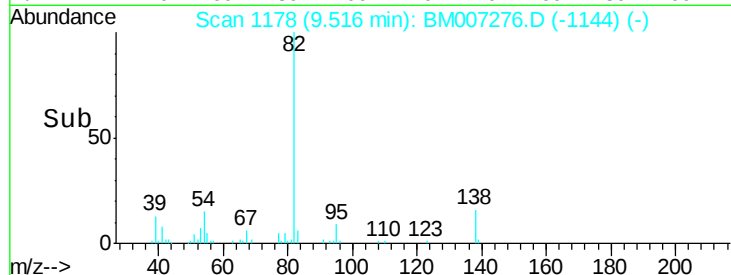
Abundance Ion 82.00 (81.70 to 82.70): BM007276.D (-1176) (-)

Ion 95.00 (94.70 to 95.70): BM007276.D (-1176) (-)

Ion 138.00 (137.70 to 138.70): BM007276.D (-1176) (-)

Time-->

9.45 9.50 9.55 9.60



#23

2-Nitrophenol

Concen: 2.07 ng/ul

RT: 9.70 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Tgt Ion:	139	Resp:	24257
Ion Ratio	Lower	Upper	
139	100		
65	62.6	44.2	66.4
109	45.6	28.2	42.4

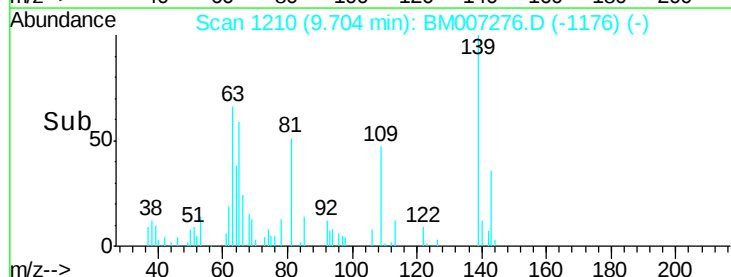
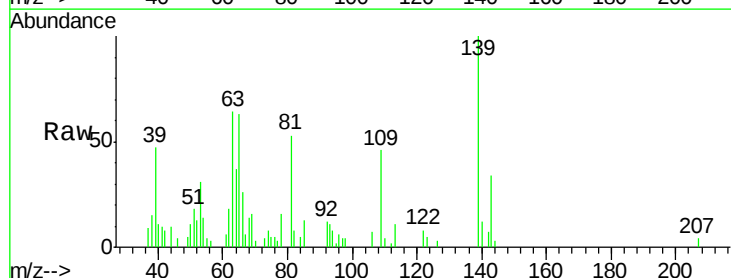
Abundance Ion 139.00 (138.70 to 139.70): BM007276.D (-1176) (-)

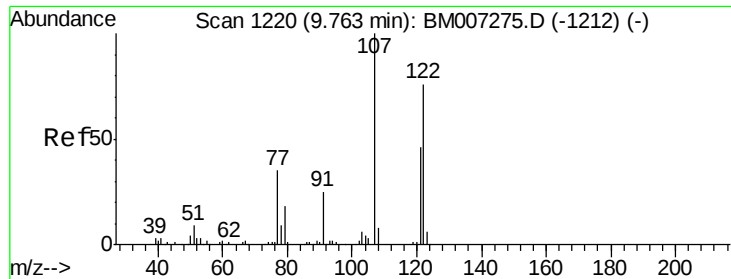
Ion 65.00 (64.70 to 65.70): BM007276.D (-1176) (-)

Ion 109.00 (108.70 to 109.70): BM007276.D (-1176) (-)

Time-->

9.65 9.70 9.75





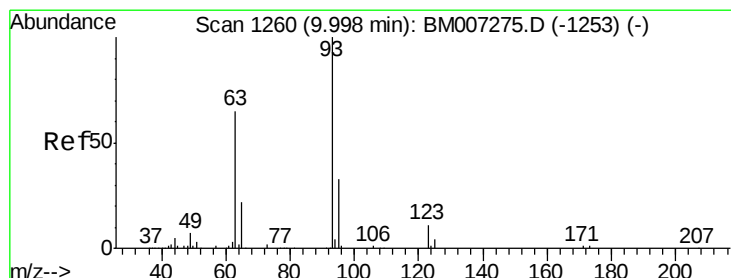
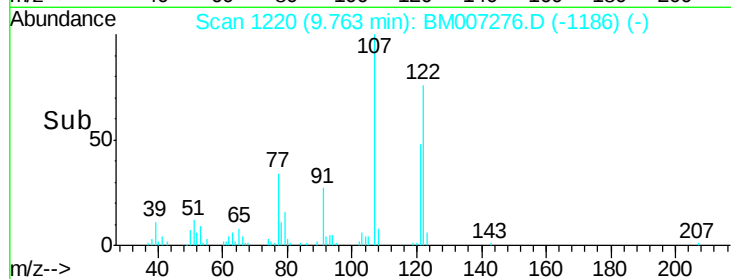
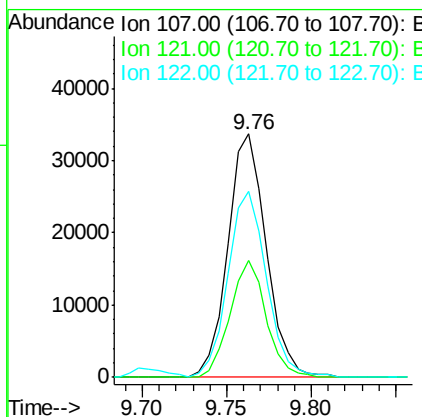
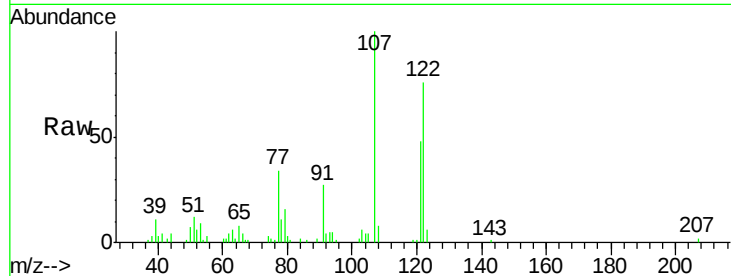
#24
2,4-Dimethylphenol
Concen: 2.06 ng/ul
RT: 9.76 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	53321		
121	48.1	37.1	55.7	
122	76.3	62.8	94.2	

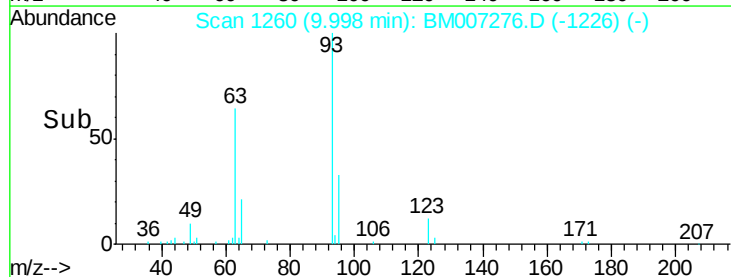
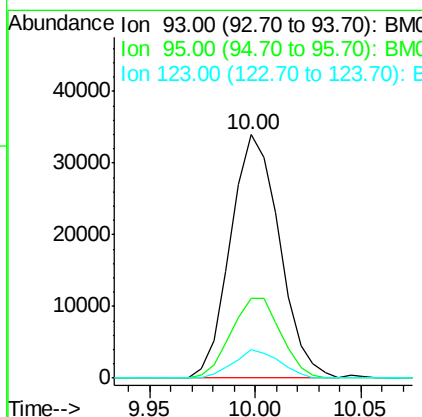
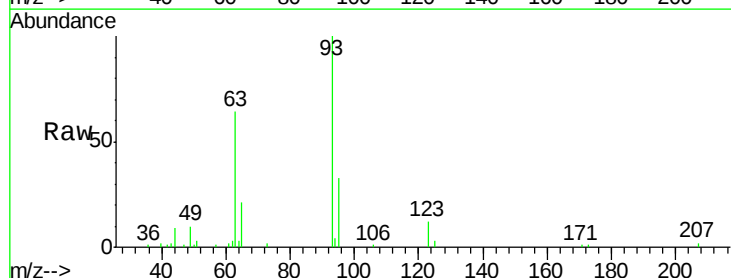
Manual Integrations
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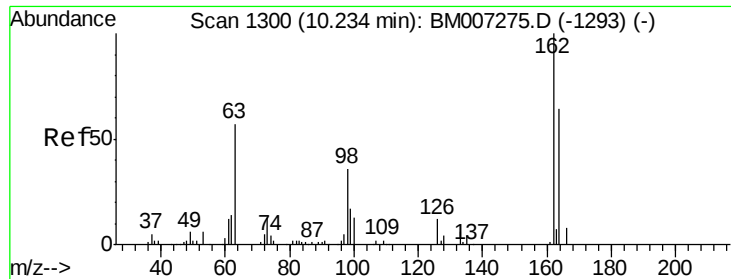
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#25
Bis(2-Chloroethoxy)methane
Concen: 2.01 ng/ul
RT: 10.00 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	54647		
95	32.9	25.4	38.0	
123	11.7	8.3	12.5	





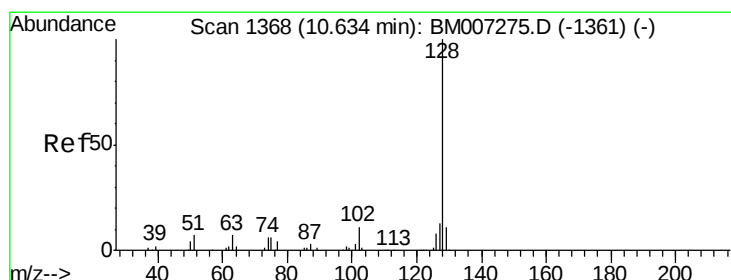
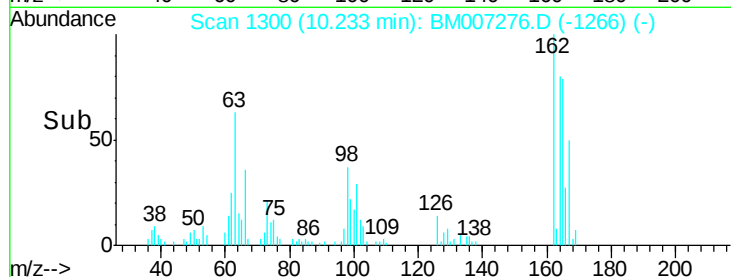
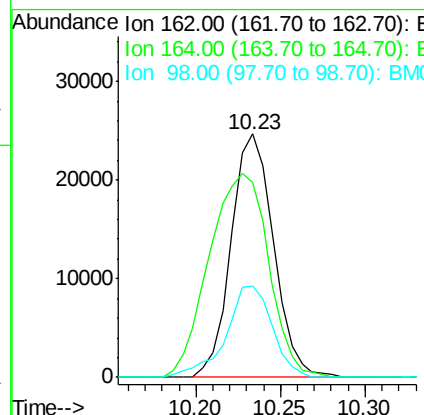
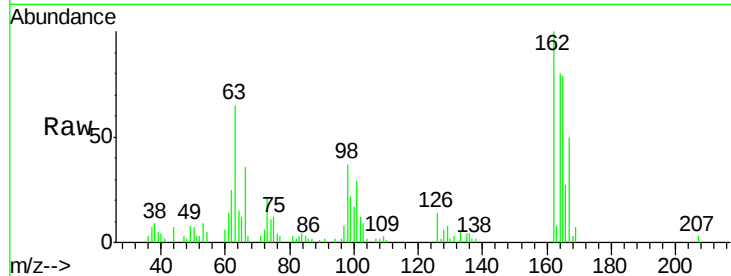
#27
2,4-Dichlorophenol
Concen: 2.03 ng/ul
RT: 10.23 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_M
ClientSampled :
MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	43266		
164	80.1	51.6	77.4#	
98	37.4	28.4	42.6	

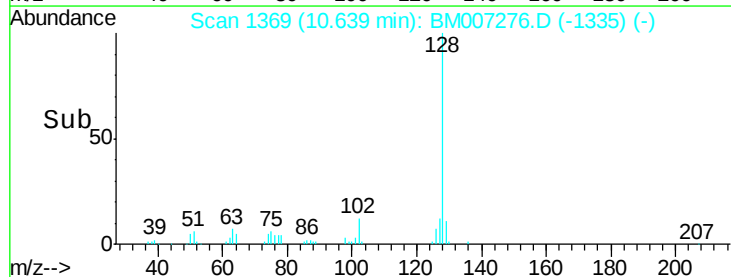
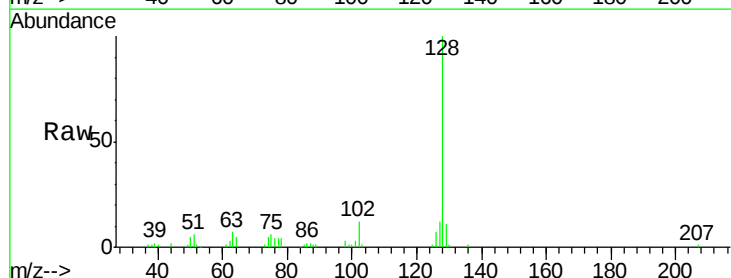
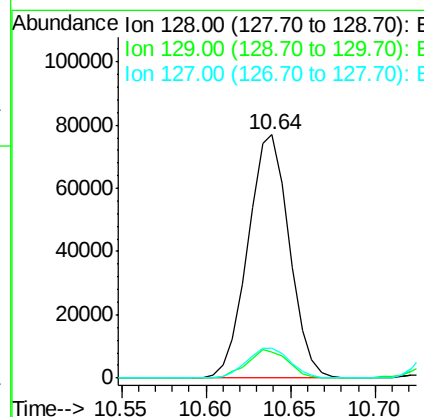
Manual Integrations
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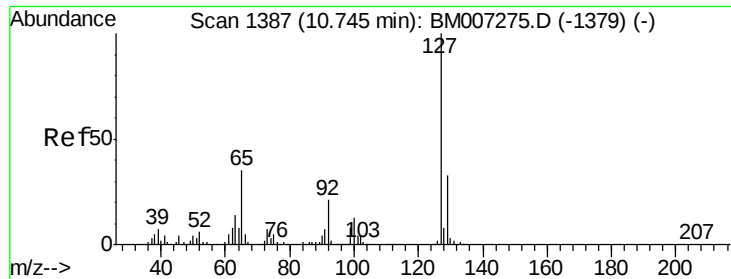
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#28
Naphthalene
Concen: 2.10 ng/ul
RT: 10.64 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	131185		
129	10.5	8.6	12.8	
127	12.1	10.6	15.8	





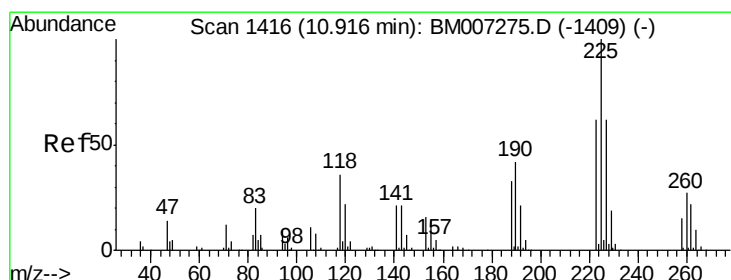
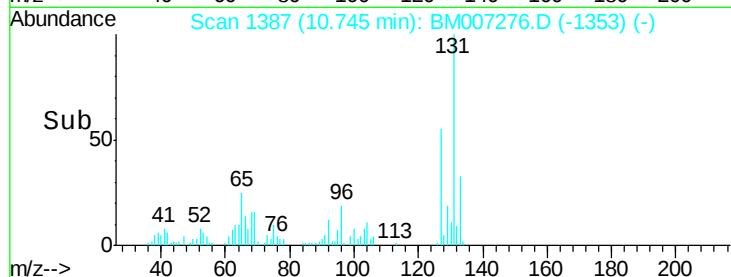
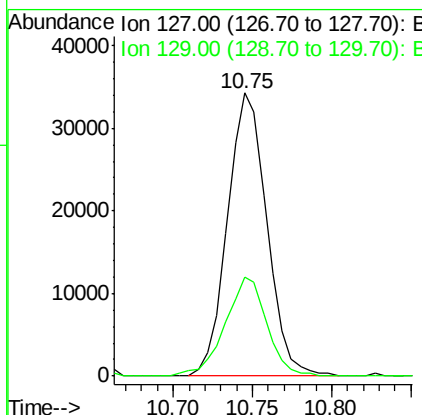
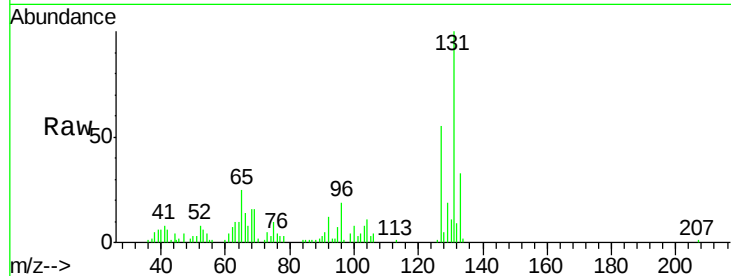
#30
4-Chloroaniline
Concen: 2.14 ng/ul
RT: 10.75 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.0	24.6	37.0

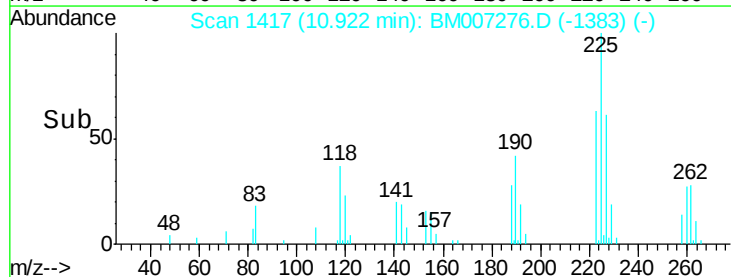
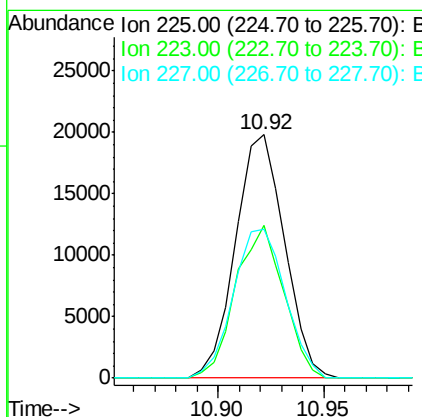
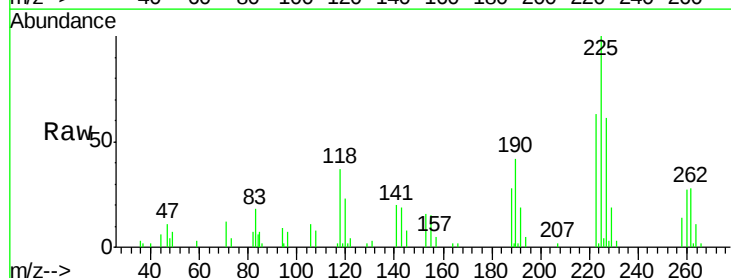
Manual Integrations
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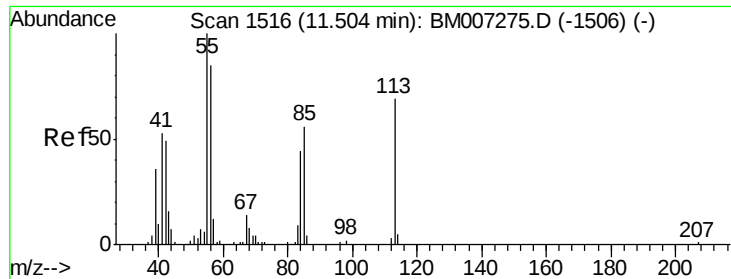
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#31
Hexachlorobutadiene
Concen: 2.22 ng/ul
RT: 10.92 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.2	76.8
227	60.9	52.5	78.7





#32

Caprolactam

Concen: 1.95 ng/ul m

RT: 11.55 min Scan# 1524

Delta R.T. 0.05 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_M

ClientSampleId :

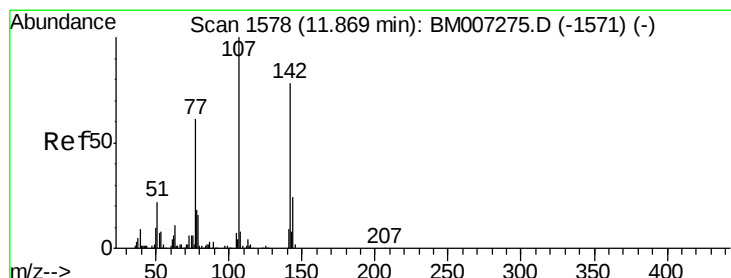
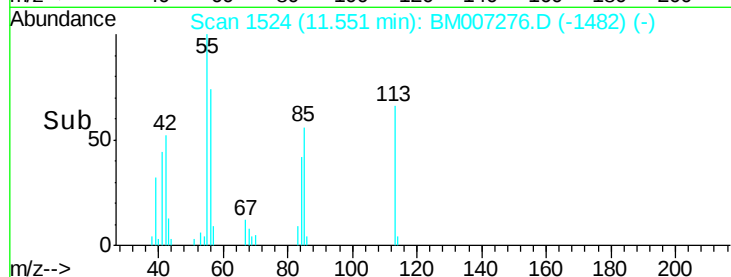
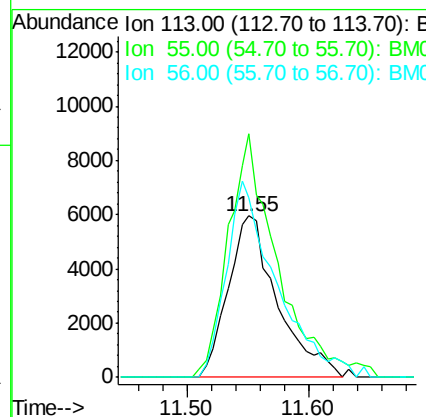
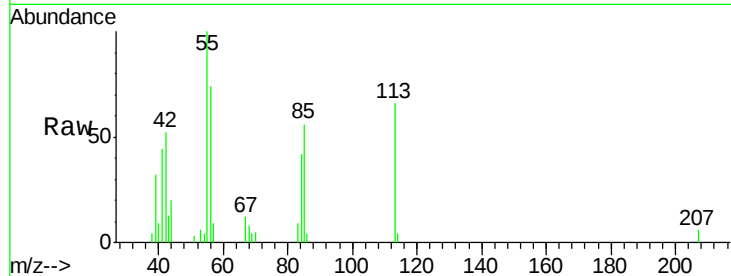
MDL-01-W

Tgt Ion:113 Resp: 16767

Ion	Ratio	Lower	Upper
113	100		
55	150.8	121.9	182.9
56	111.3	97.4	146.0

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#33

4-Chloro-3-methylphenol

Concen: 1.92 ng/ul

RT: 11.87 min Scan# 1578

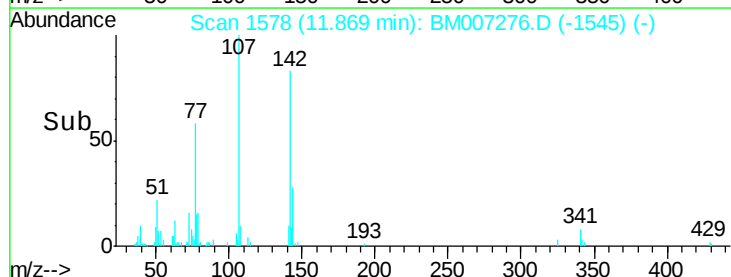
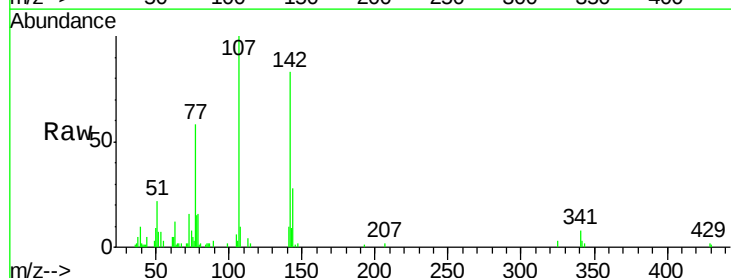
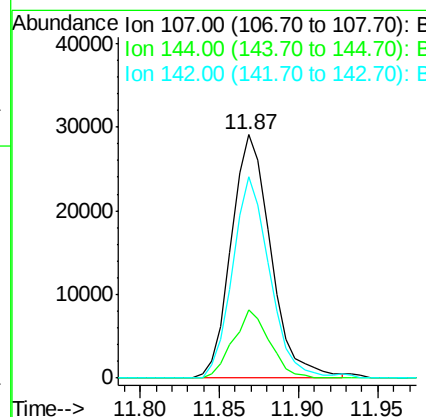
Delta R.T. -0.01 min

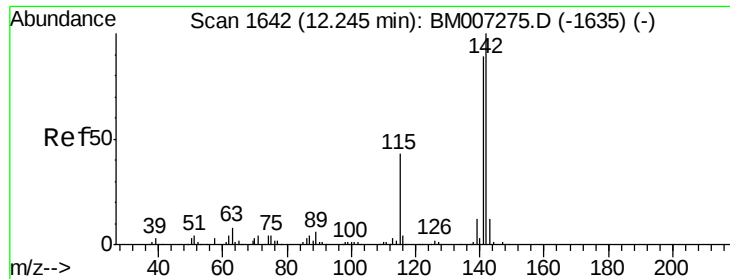
Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Tgt Ion:107 Resp: 50587

Ion	Ratio	Lower	Upper
107	100		
144	28.1	21.1	31.7
142	82.5	64.1	96.1





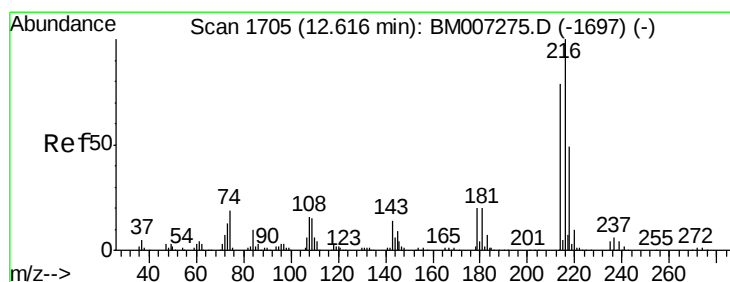
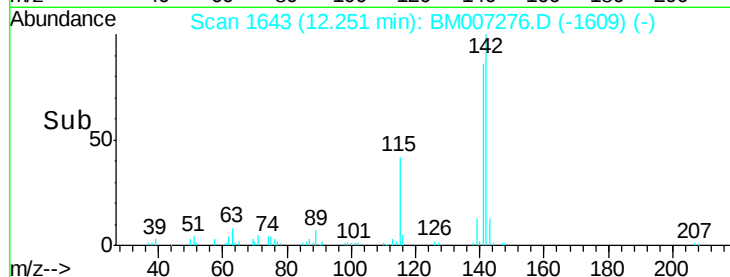
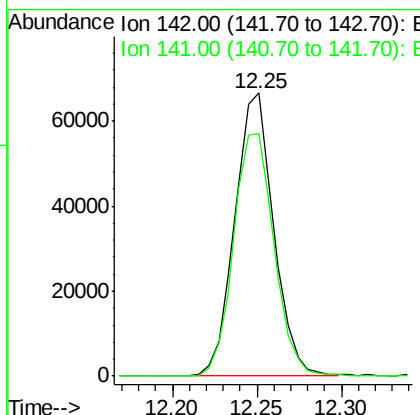
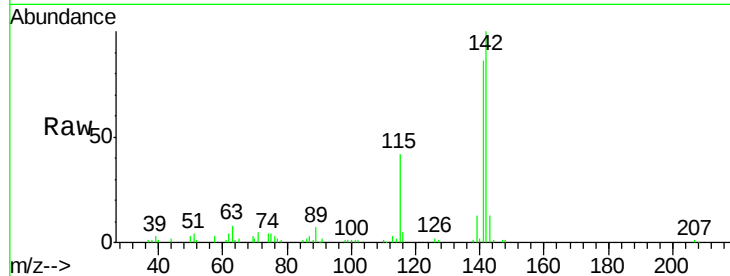
#34
2-Methylnaphthalene
Concen: 2.09 ng/u1
RT: 12.25 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tgt Ion:142 Resp: 106938
Ion Ratio Lower Upper
142 100
141 85.5 71.3 106.9

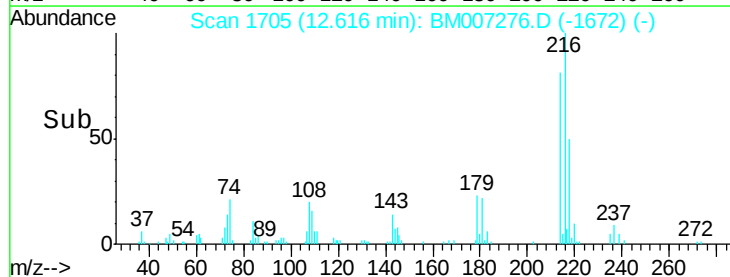
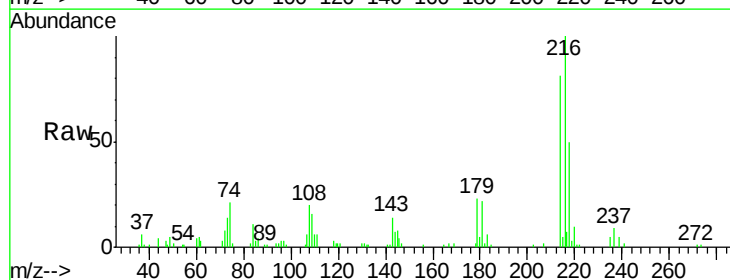
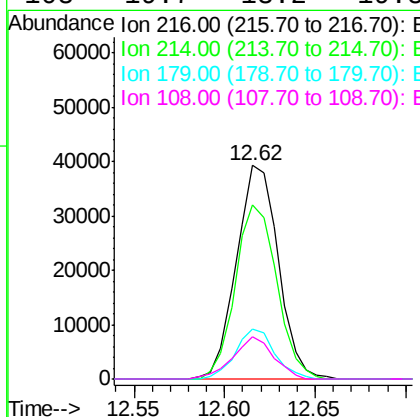
Manual Integrations
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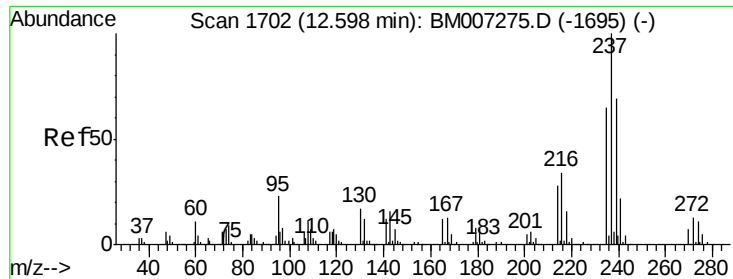
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 2.08 ng/u1
RT: 12.62 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Tgt Ion:216 Resp: 63279
Ion Ratio Lower Upper
216 100
214 81.4 64.8 97.2
179 23.1 16.7 25.1
108 19.7 13.2 19.8





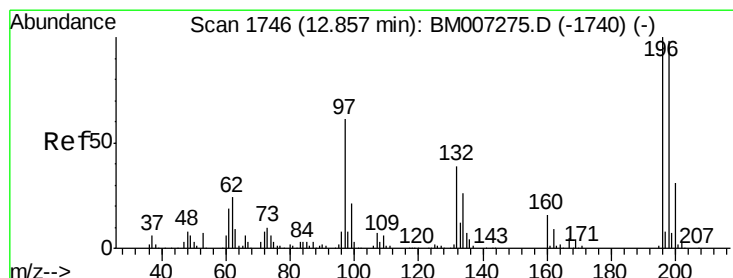
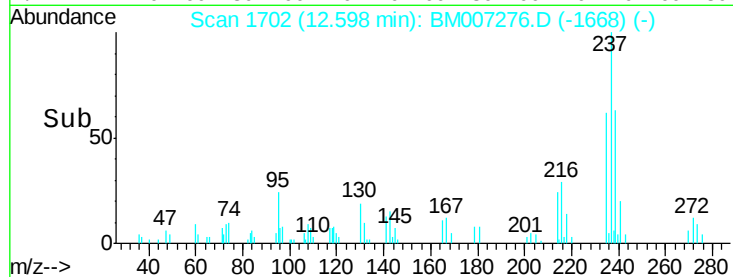
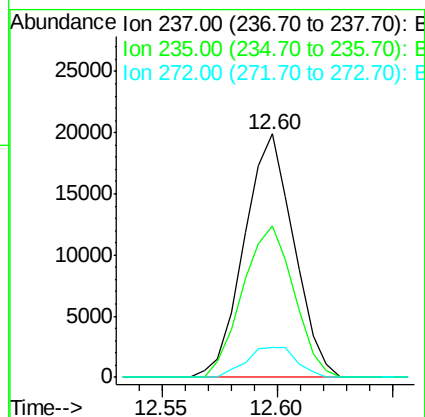
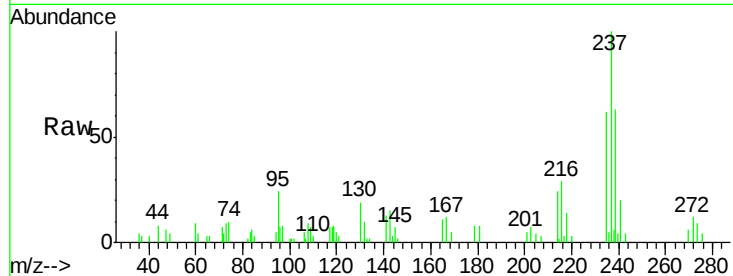
#37
 Hexachlorocyclopentadiene
 Concen: 1.63 ng/ul
 RT: 12.60 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BM007276.D
 Acq: 24 Aug 2016 11:03

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-W

Tgt Ion:	237	Resp:	29785
Ion Ratio	Lower	Upper	
237	100		
235	62.2	49.6	74.4
272	12.4	10.4	15.6

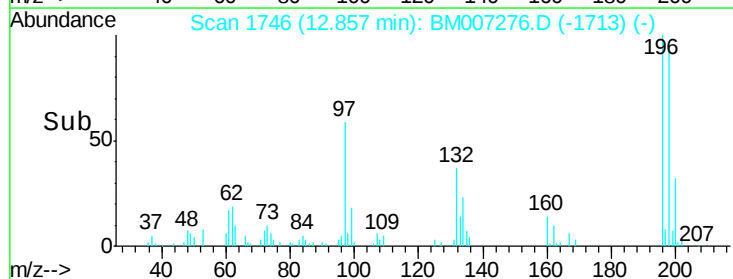
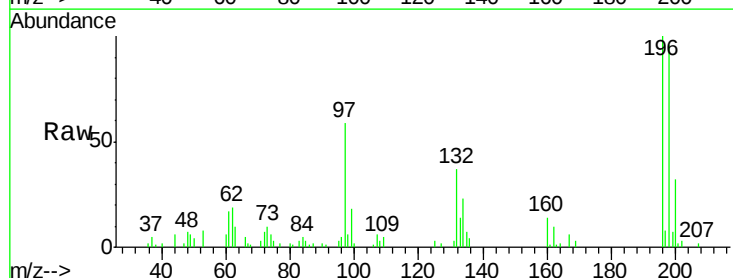
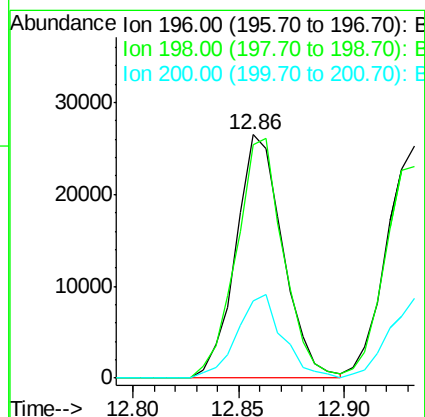
Manual Integrations
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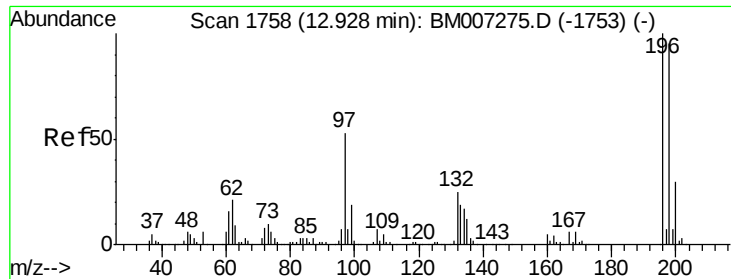
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#38
 2,4,6-Trichlorophenol
 Concen: 1.91 ng/ul
 RT: 12.86 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM007276.D
 Acq: 24 Aug 2016 11:03

Tgt Ion:	196	Resp:	41074
Ion Ratio	Lower	Upper	
196	100		
198	95.9	76.9	115.3
200	31.8	25.1	37.7





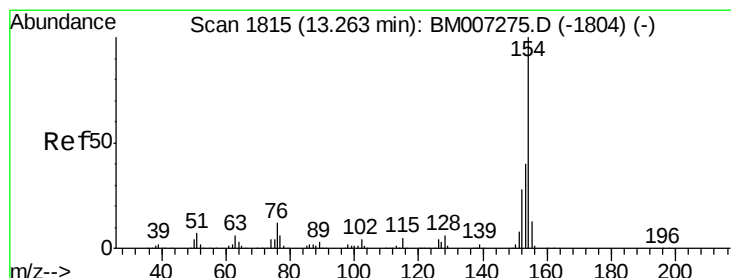
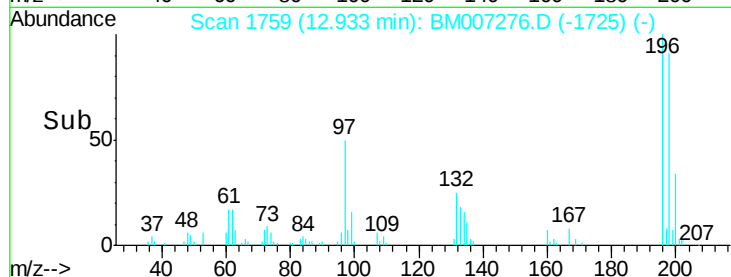
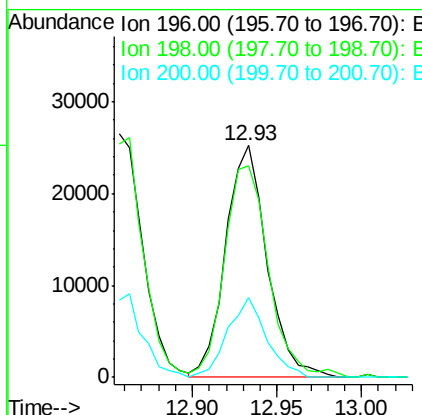
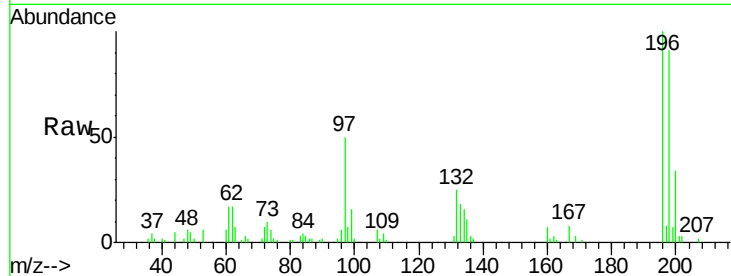
#39
 2,4,5-Trichlorophenol
 Concen: 1.93 ng/ul
 RT: 12.93 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BM007276.D
 Acq: 24 Aug 2016 11:03

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	43188		
198	91.2	76.8	115.2	
200	34.3	27.0	40.4	

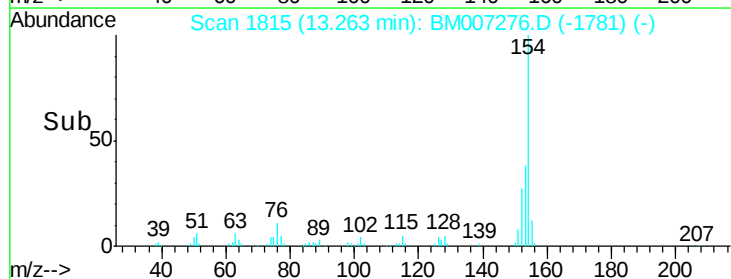
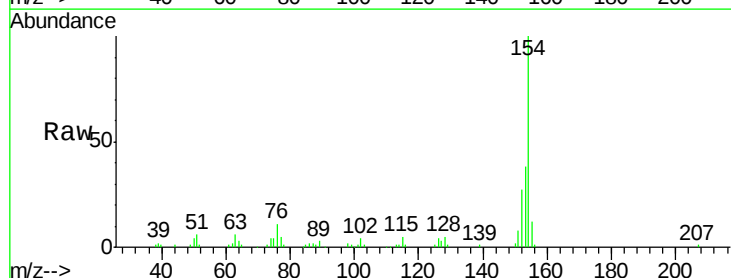
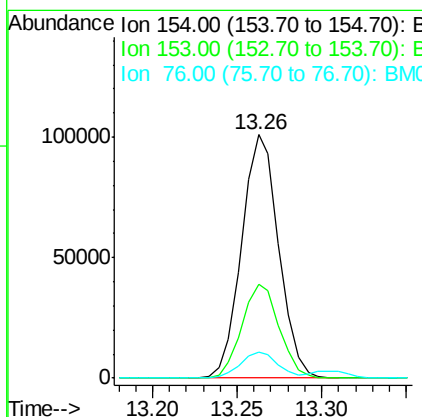
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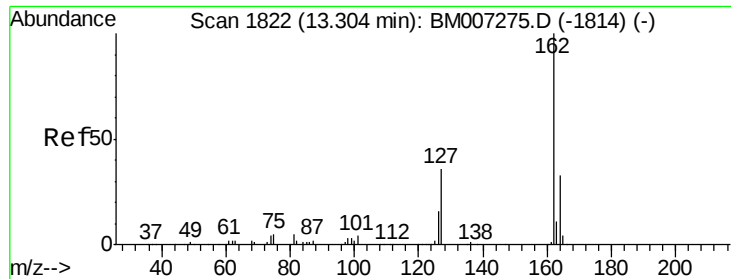
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#40
 1,1'-Biphenyl
 Concen: 2.18 ng/ul
 RT: 13.26 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BM007276.D
 Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	153891		
153	38.4	31.3	46.9	
76	10.7	10.0	15.0	





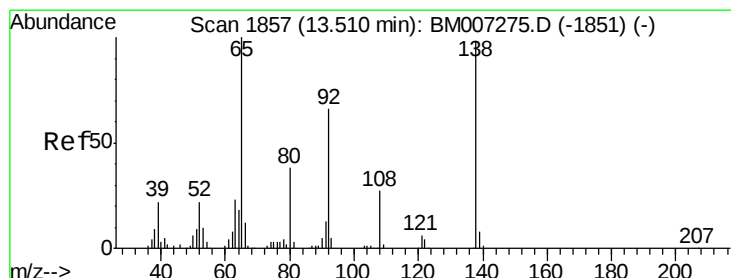
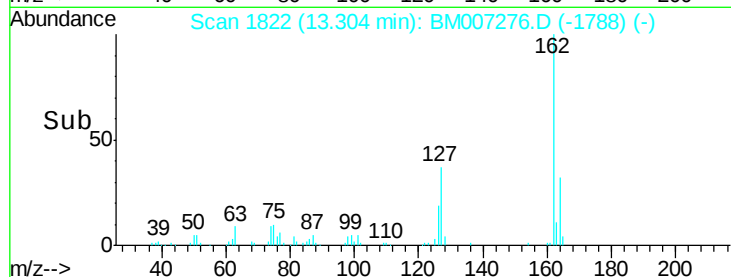
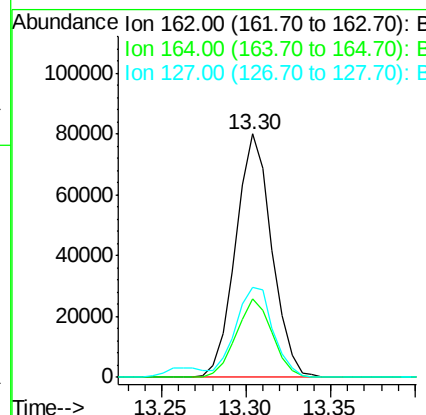
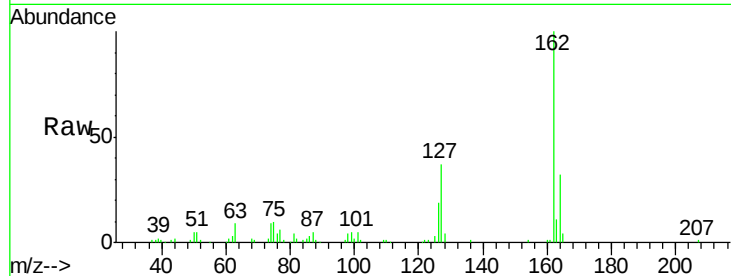
#41
2-Chloronaphthalene
Concen: 2.15 ng/ul
RT: 13.30 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_M
ClientSampled :
MDL-01-W

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.5	26.9	40.3
127	37.1	31.2	46.8

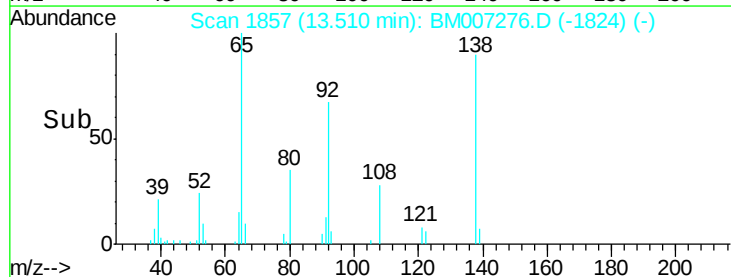
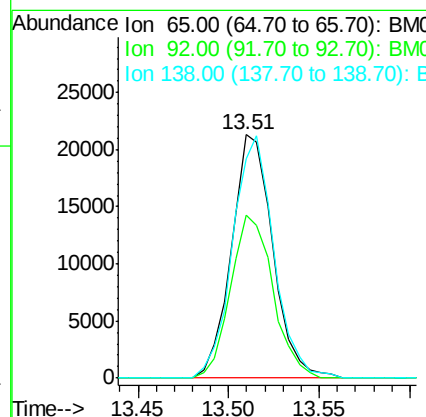
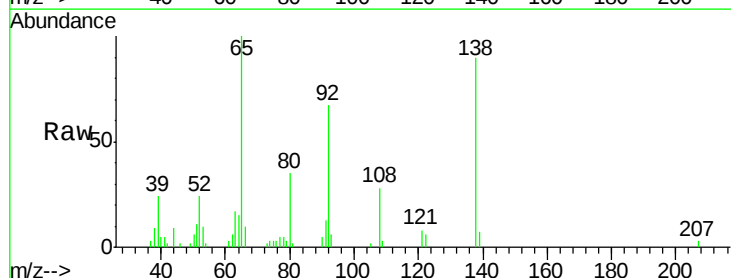
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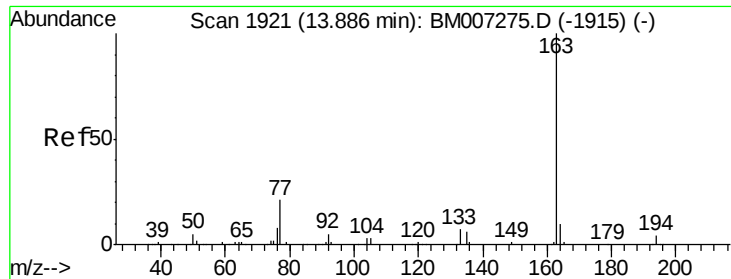
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#42
2-Nitroaniline
Concen: 1.87 ng/ul
RT: 13.51 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	55.6	83.4
138	90.1	81.3	121.9





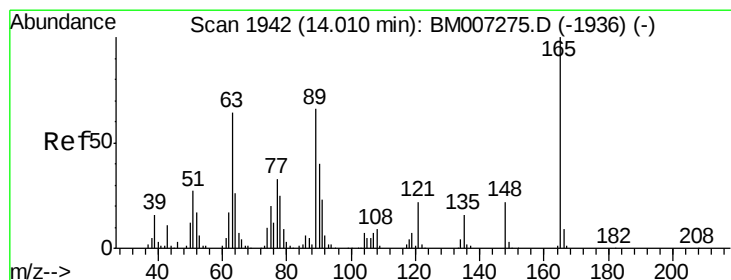
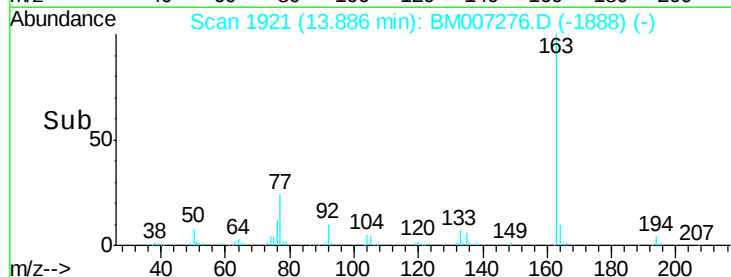
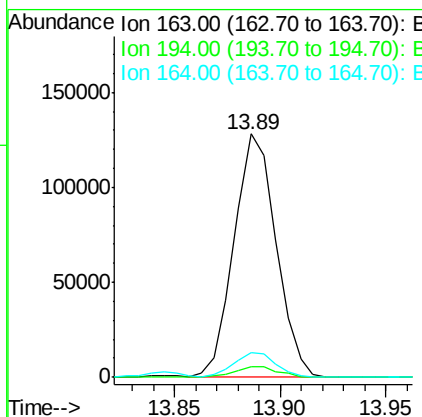
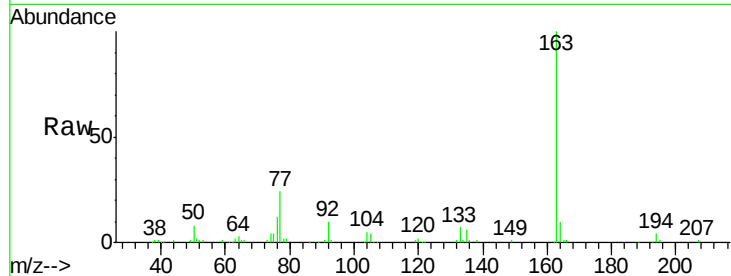
#44
Dimethylphthalate
Concen: 2.27 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	177672		
194	4.2		3.4	5.2
164	10.4		7.8	11.8

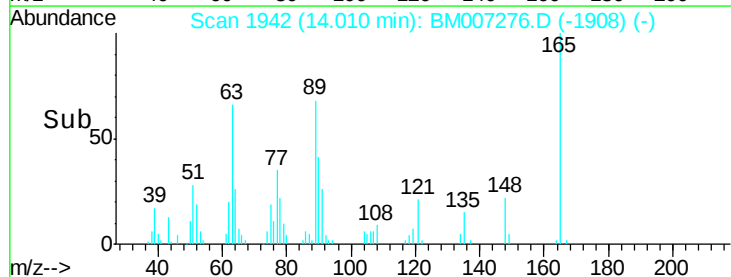
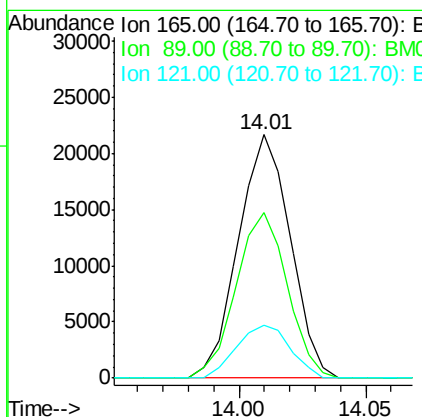
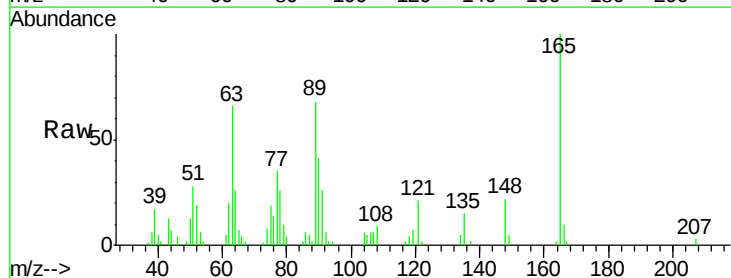
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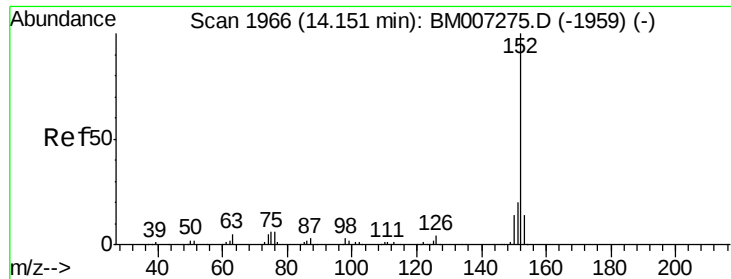
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#45
2,6-Dinitrotoluene
Concen: 1.92 ng/ul
RT: 14.01 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	30814		
89	67.8		46.6	69.8
121	21.5		16.0	24.0





#47

Acenaphthylene

Concen: 2.16 ng/ul

RT: 14.15 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_M

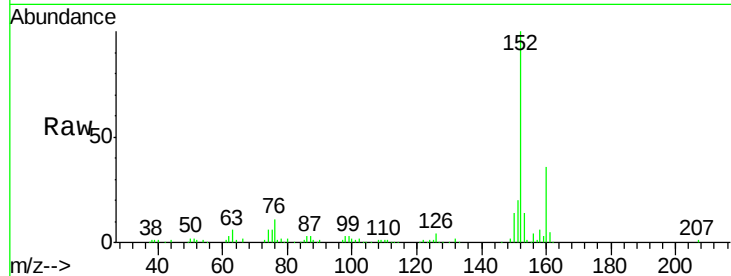
ClientSampled :

MDL-01-W

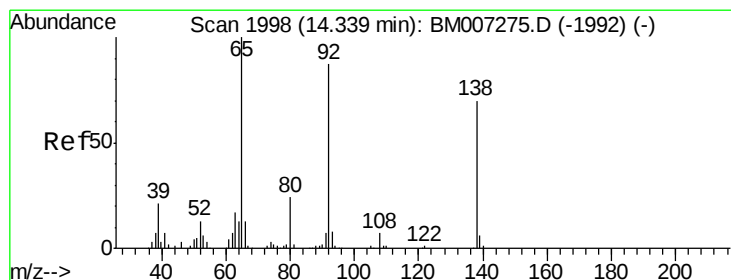
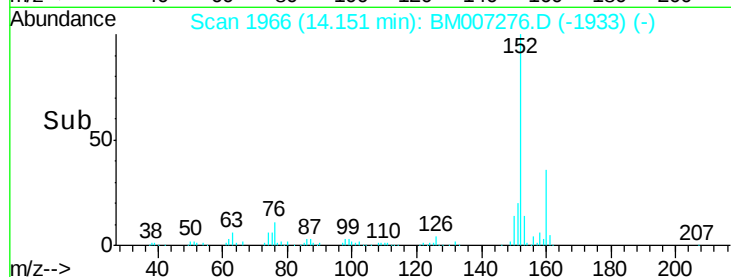
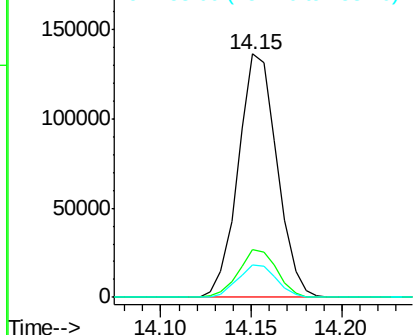
Tgt Ion:	152	Resp:	202956
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.0	24.0
153	13.5	11.0	16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 1.96 ng/ul

RT: 14.34 min Scan# 1998

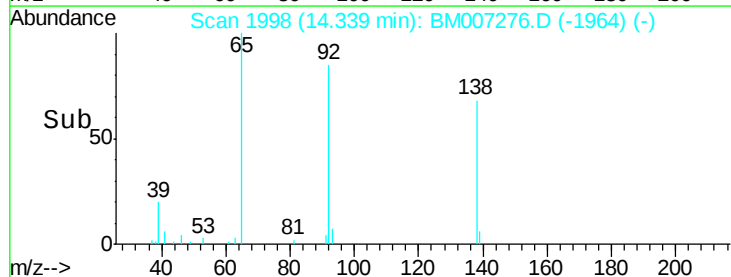
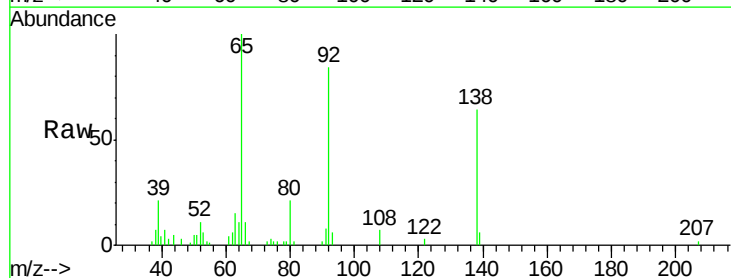
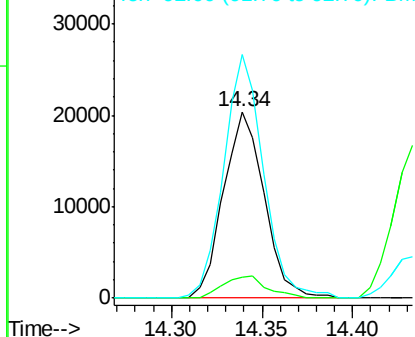
Delta R.T. -0.00 min

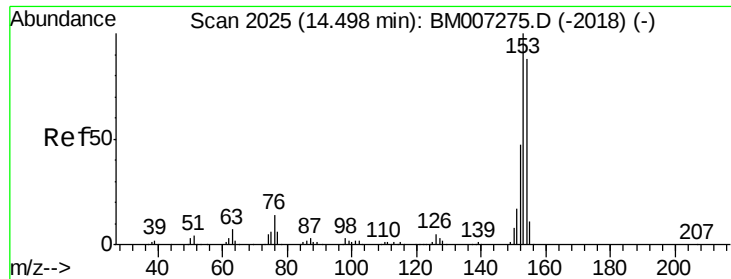
Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Tgt Ion:	138	Resp:	31986
Ion Ratio	Lower	Upper	
138	100		
108	11.4	9.4	14.0
92	130.6	96.6	145.0

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 2.16 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_M

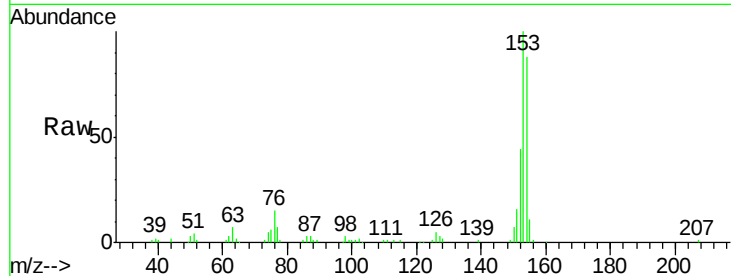
ClientSampleId :

MDL-01-W

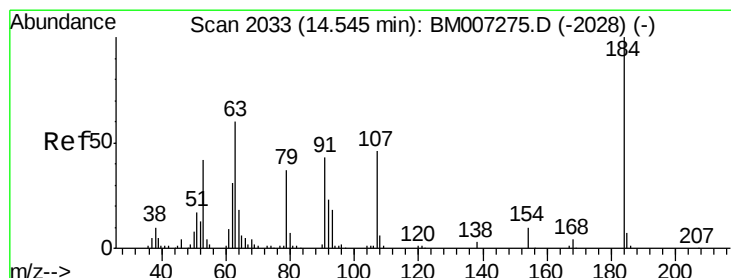
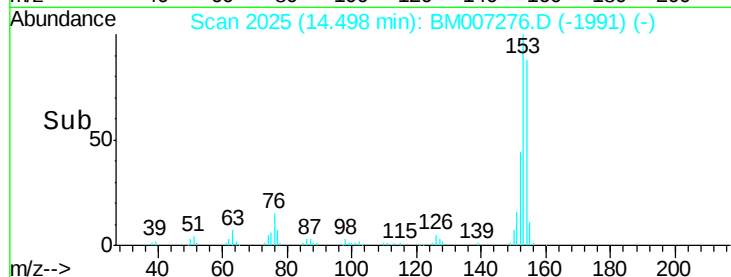
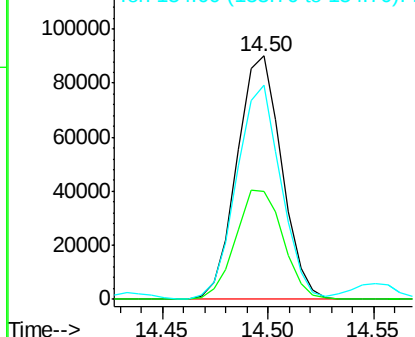
Tgt Ion:	153	Resp:	132011
Ion Ratio	Lower	Upper	
153	100		
152	44.3	37.8	56.6
154	88.2	71.4	107.0

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 1.38 ng/ul

RT: 14.54 min Scan# 2033

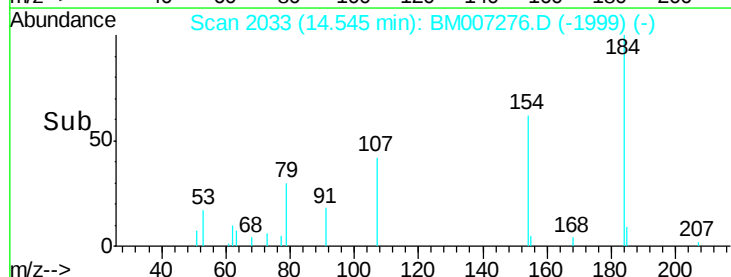
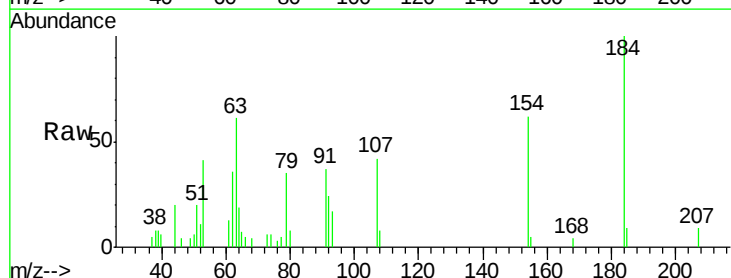
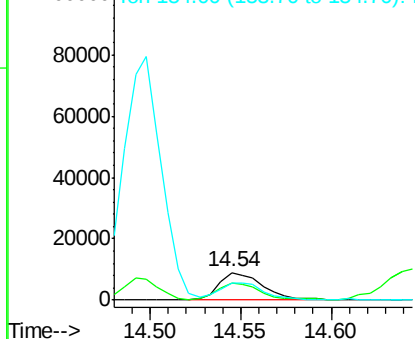
Delta R.T. -0.00 min

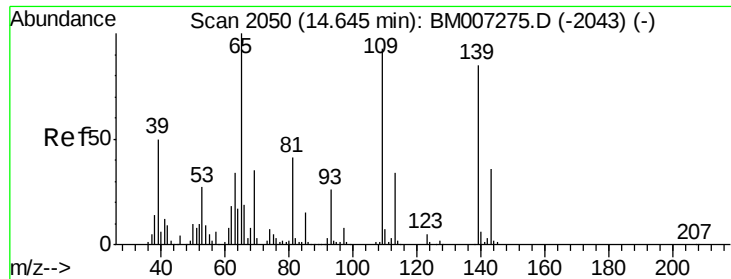
Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Tgt Ion:	184	Resp:	15005
Ion Ratio	Lower	Upper	
184	100		
63	60.5	43.4	65.0
154	62.2	48.2	72.4

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 2.35 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_M

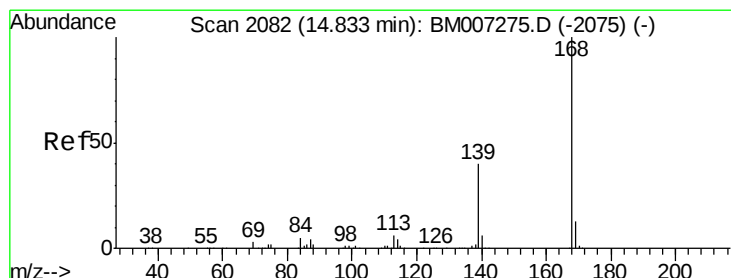
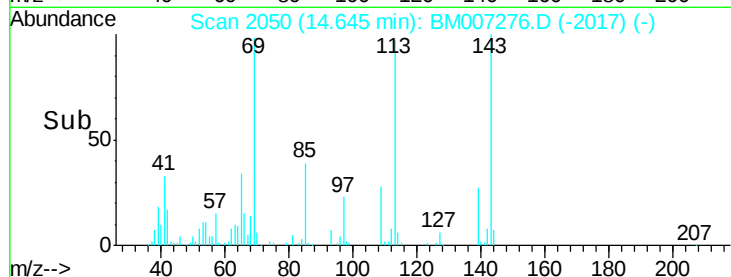
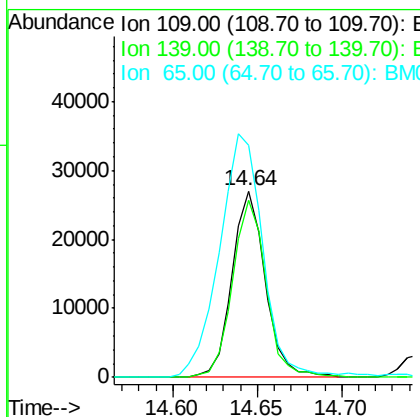
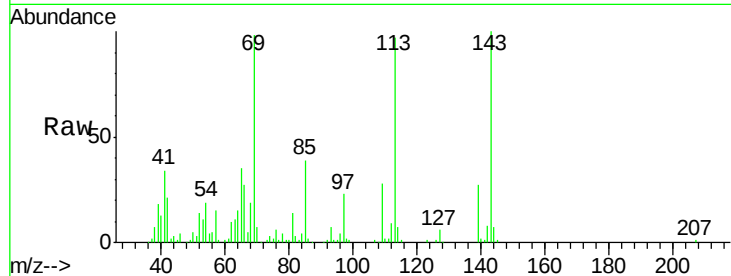
ClientSampleId :

MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	37132		
139	94.9	88.7	133.1	
65	125.0	96.4	144.6	

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#53

Dibenzofuran

Concen: 2.14 ng/ul

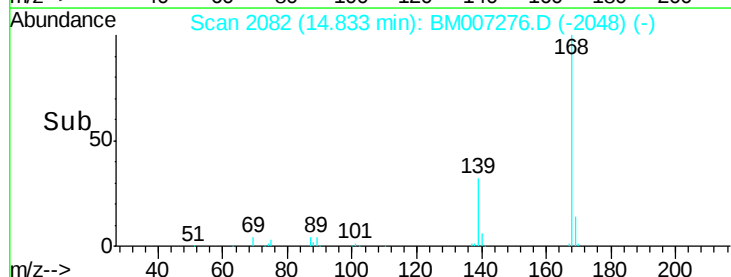
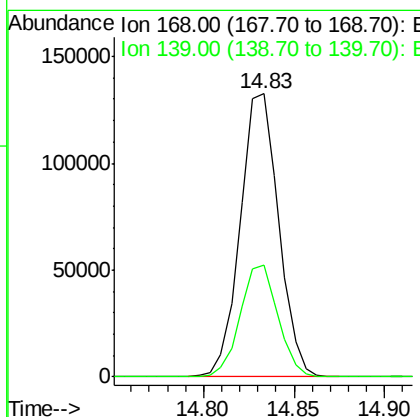
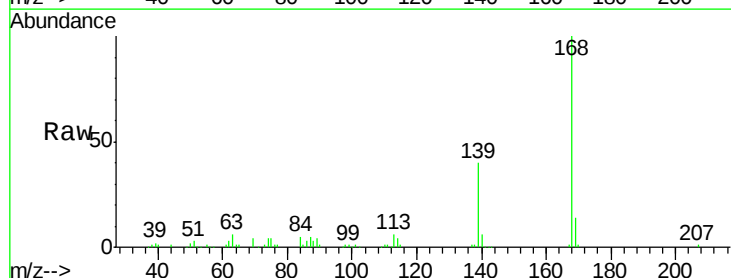
RT: 14.83 min Scan# 2082

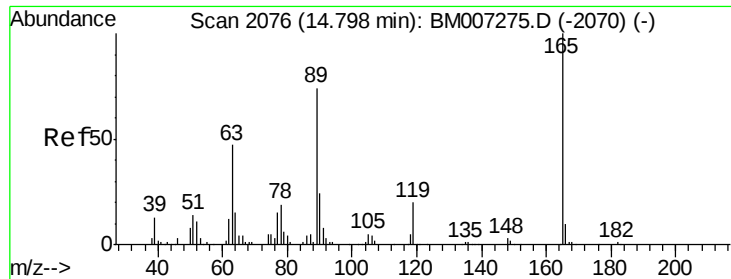
Delta R.T. -0.00 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	195402		
139	39.5	30.1	45.1	





#54

2,4-Dinitrotoluene

Concen: 2.12 ng/ul

RT: 14.80 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_M

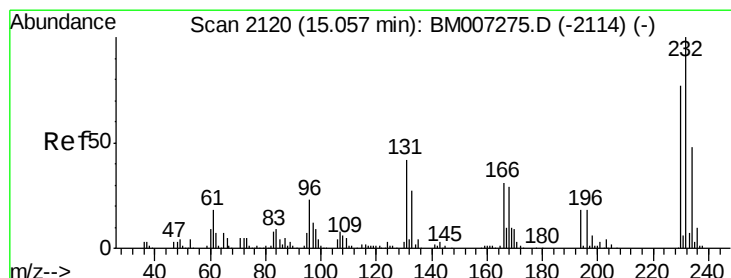
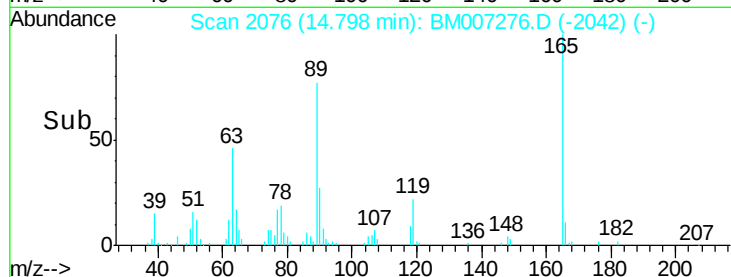
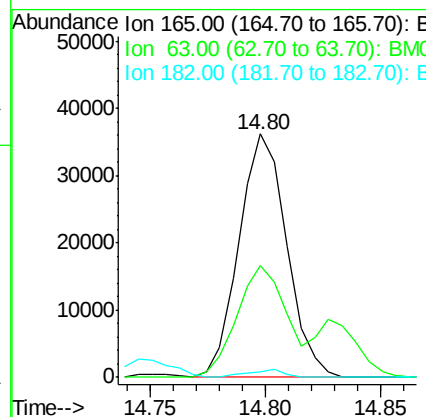
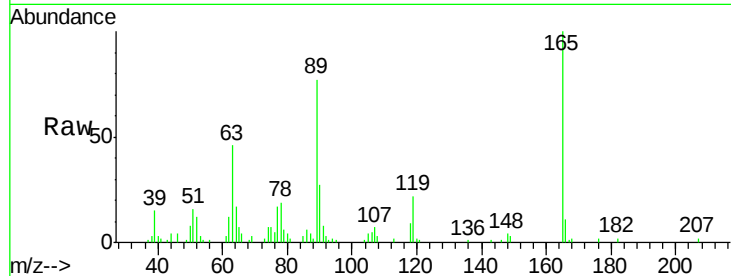
ClientSampled :

MDL-01-W

Tgt Ion:	165	Resp:	52096
Ion Ratio	Lower	Upper	
165	100		
63	46.0	36.2	54.2
182	2.4	2.2	3.4

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#55

2,3,4,6-Tetrachlorophenol

Concen: 2.00 ng/ul

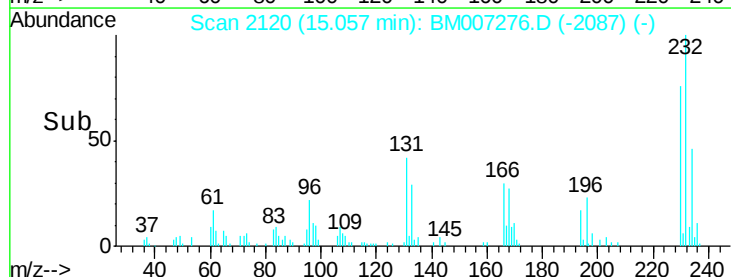
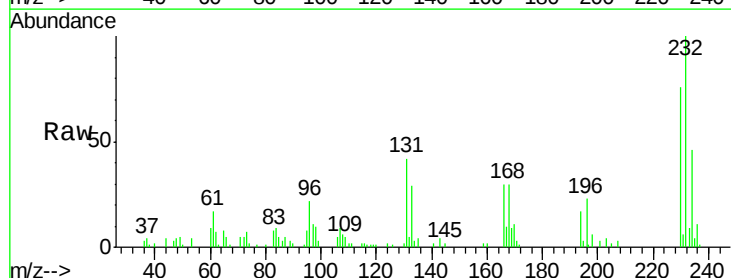
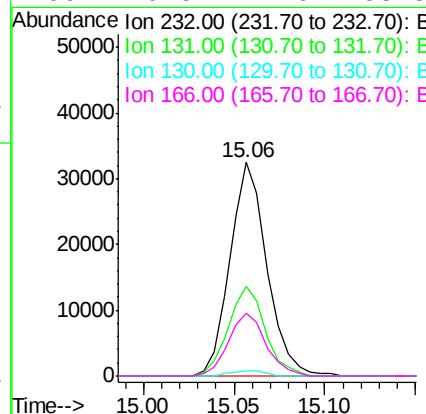
RT: 15.06 min Scan# 2120

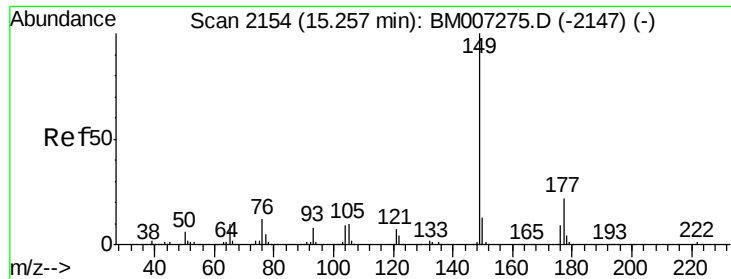
Delta R.T. -0.01 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Tgt Ion:	232	Resp:	45917
Ion Ratio	Lower	Upper	
232	100		
131	41.7	31.4	47.0
130	2.4	1.6	2.4#
166	29.5	22.6	33.8





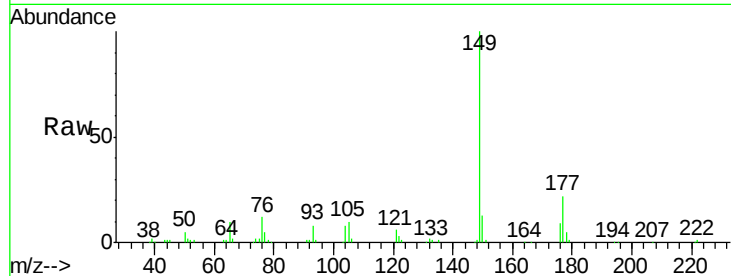
#56
Diethylphthalate
Concen: 2.20 ng/ul
RT: 15.26 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

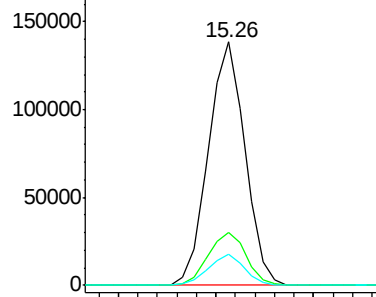
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.8	18.6	28.0
150	12.9	10.0	15.0

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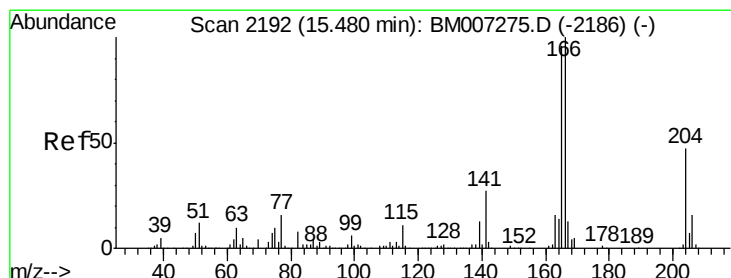
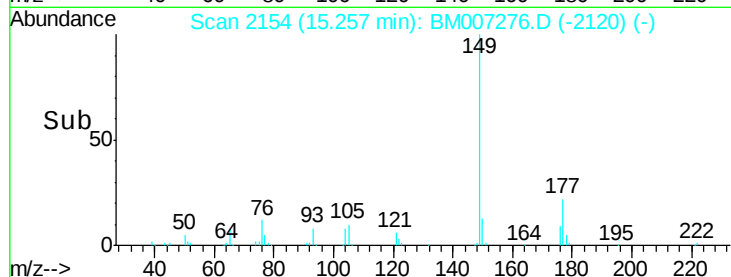
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

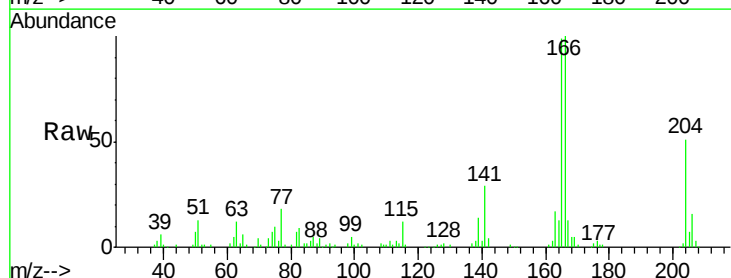


Time-->

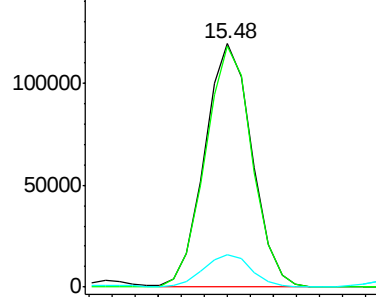


#58
Fluorene
Concen: 2.26 ng/ul
RT: 15.48 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

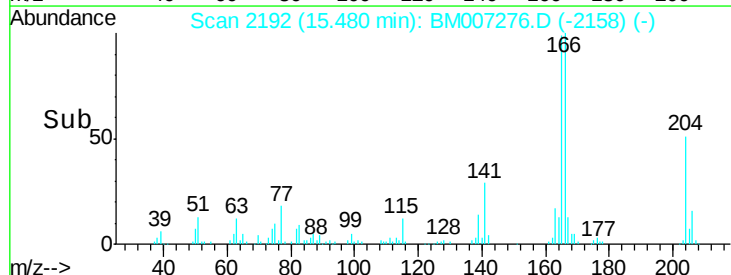
Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	99.2	79.9	119.9
167	13.3	10.5	15.7

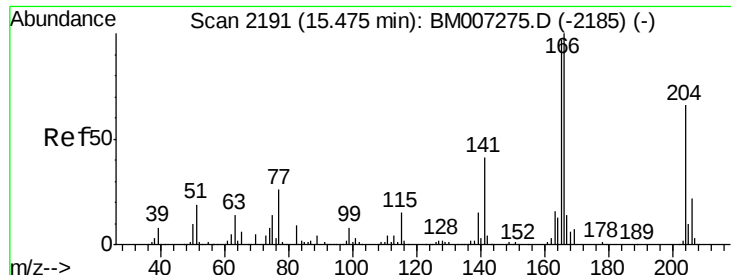


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





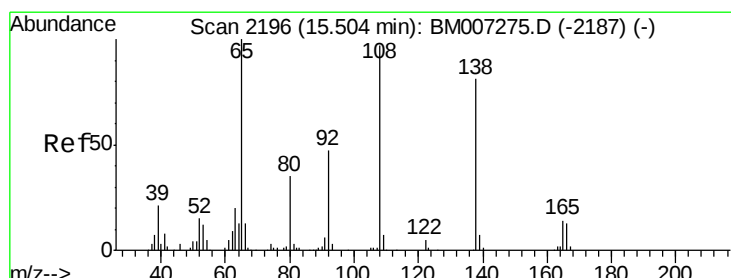
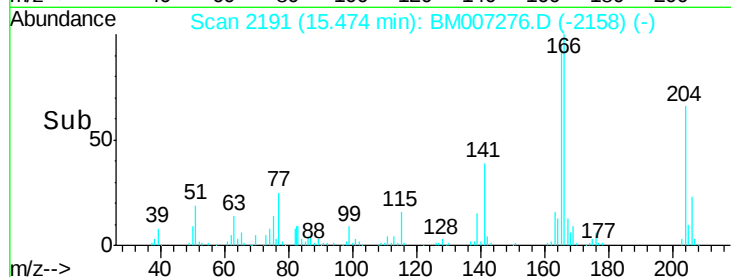
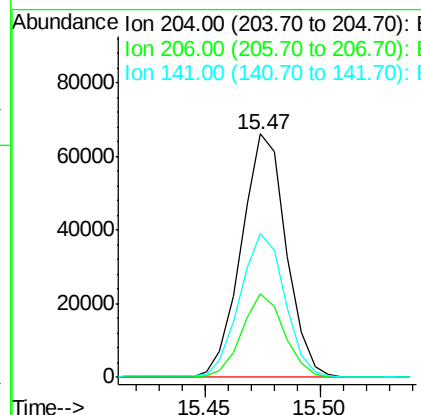
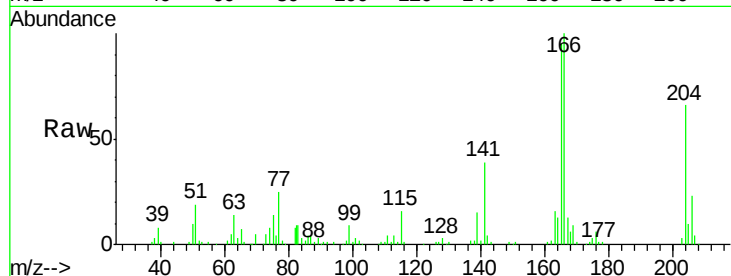
#59
 4-Chlorophenyl-phenylether
 Concen: 2.28 ng/ul
 RT: 15.47 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM007276.D
 Acq: 24 Aug 2016 11:03

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	89909		
206	34.2	25.9	38.9	
141	58.8	46.1	69.1	

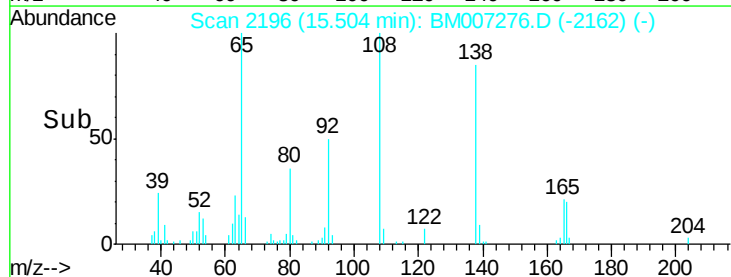
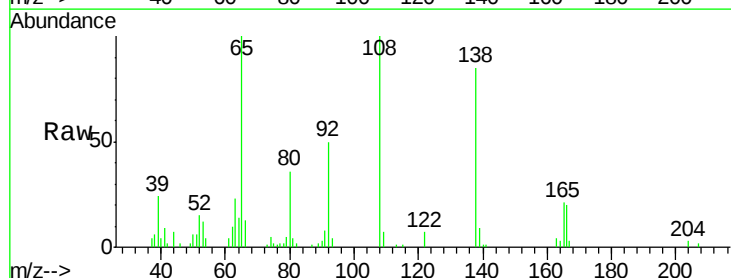
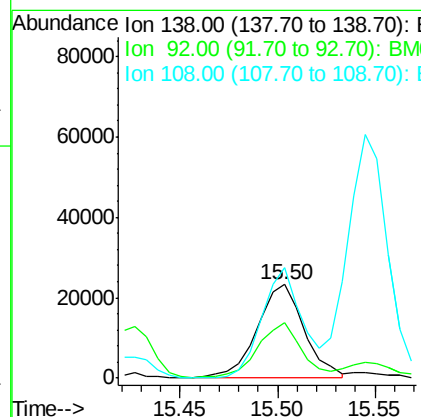
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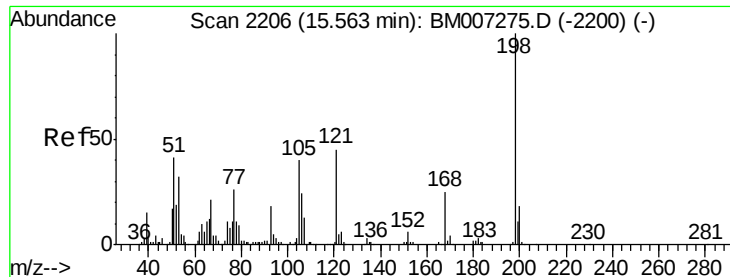
sohil
 8/24/2016 7:28:20 PM



#60
 4-Nitroaniline
 Concen: 2.10 ng/ul
 RT: 15.50 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BM007276.D
 Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	39000		
92	59.1	43.5	65.3	
108	117.6	80.3	120.5	





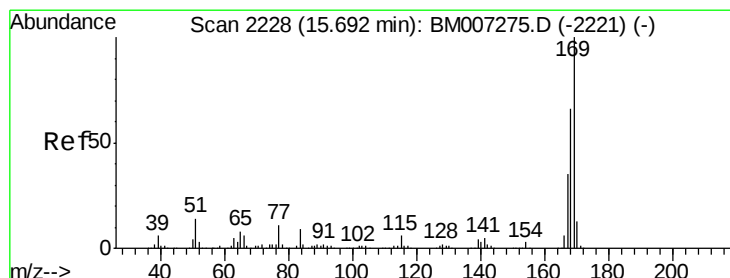
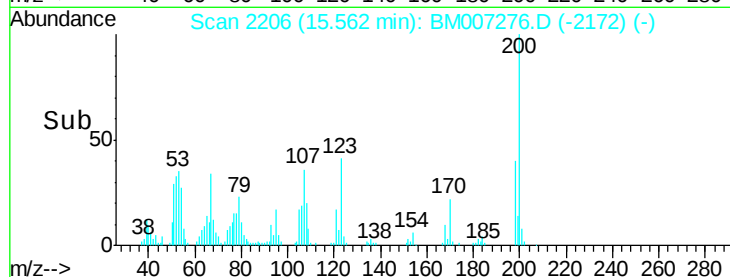
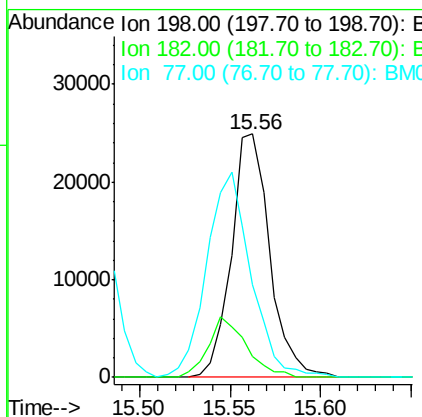
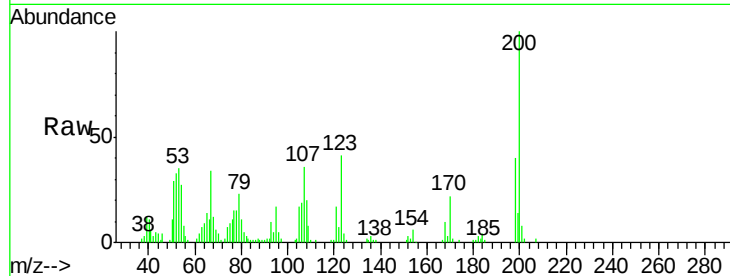
#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.17 ng/ul
 RT: 15.56 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BM007276.D
 Acq: 24 Aug 2016 11:03

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	36785		
182	8.6	3.3	4.9#	
77	38.1	21.8	32.6#	

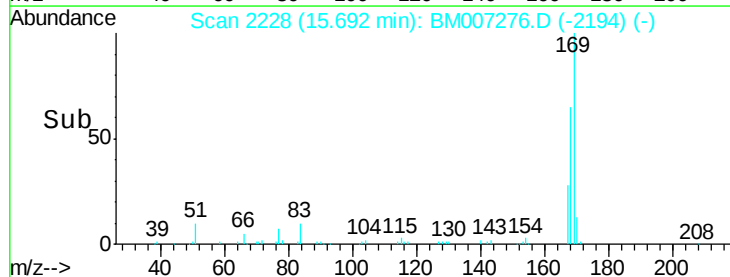
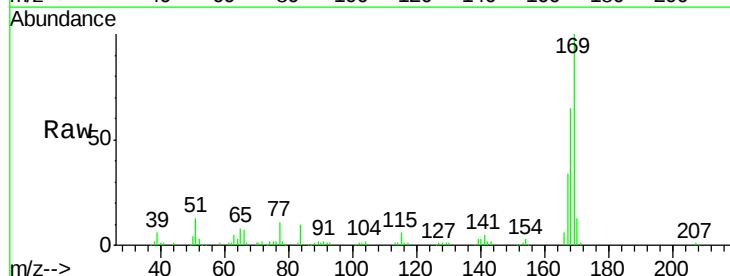
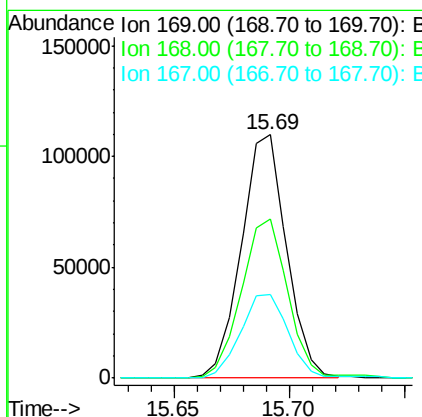
Manual Integrations
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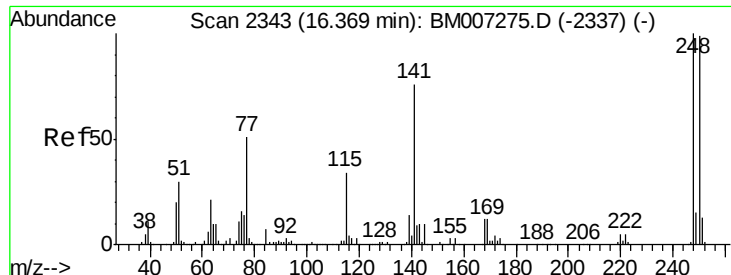
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#64
 N-Nitrosodiphenylamine
 Concen: 2.12 ng/ul
 RT: 15.69 min Scan# 2228
 Delta R.T. -0.00 min
 Lab File: BM007276.D
 Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	149928		
168	65.2	52.6	79.0	
167	34.1	28.6	43.0	





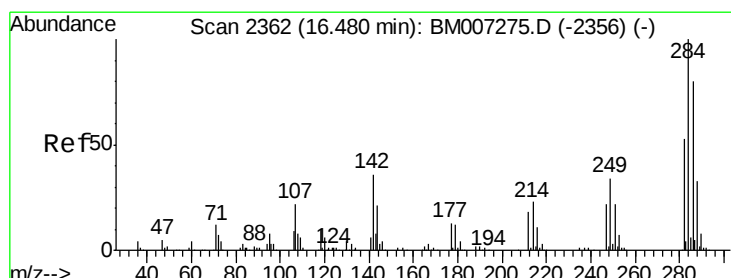
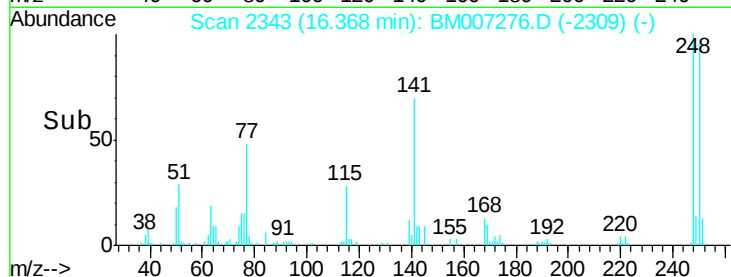
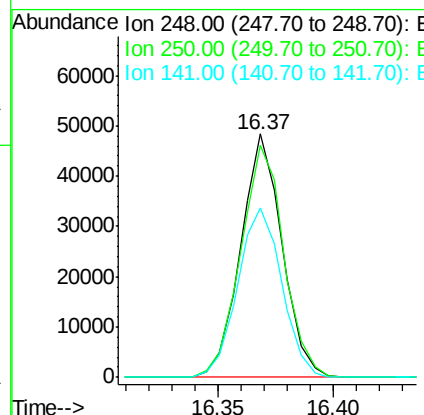
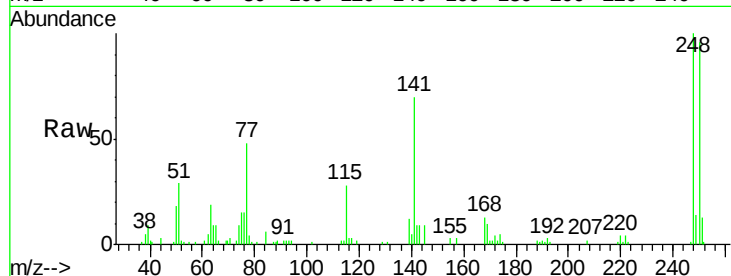
#65
4-Bromophenyl-phenylether
Concen: 2.11 ng/ul
RT: 16.37 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	79.7	119.5
141	69.5	58.3	87.5

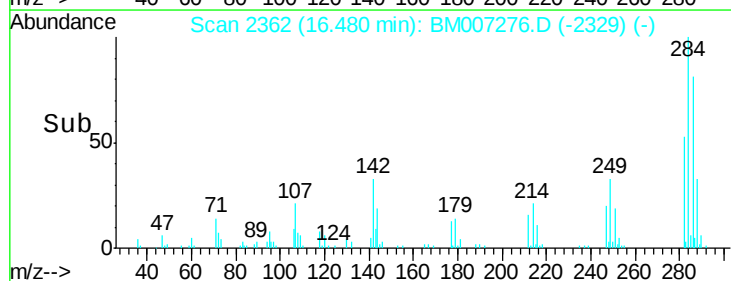
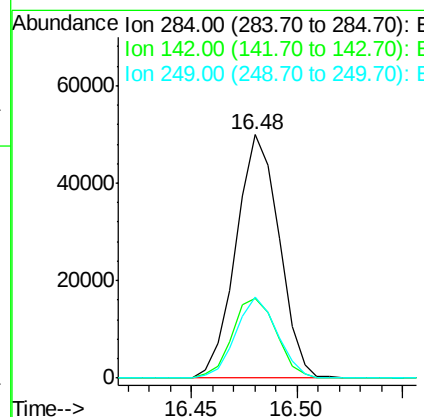
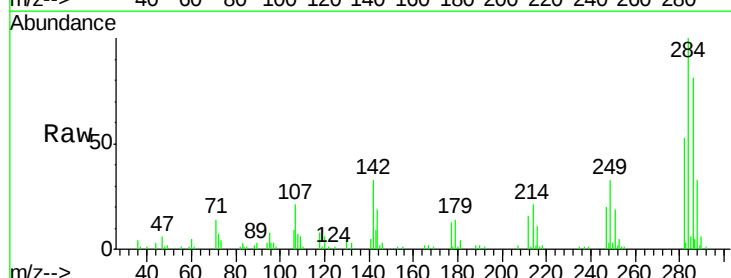
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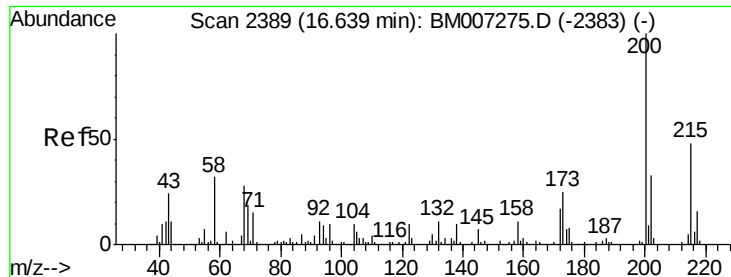
sohil
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#66
Hexachlorobenzene
Concen: 2.21 ng/ul
RT: 16.48 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	24.9	37.3
249	33.3	25.5	38.3





#67

Atrazine

Concen: 2.14 ng/ul

RT: 16.64 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_M

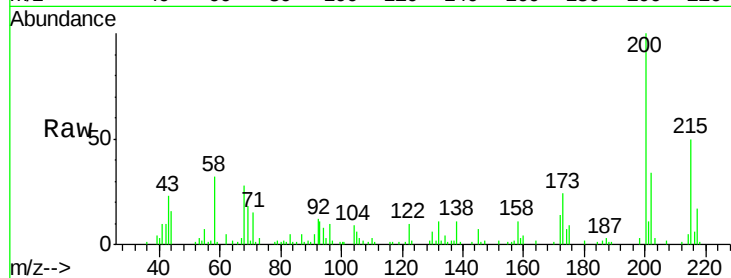
ClientSampleId :

MDL-01-W

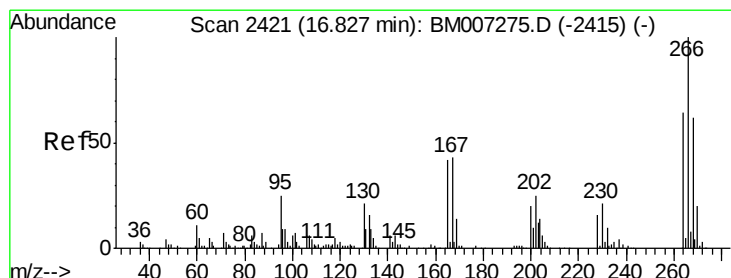
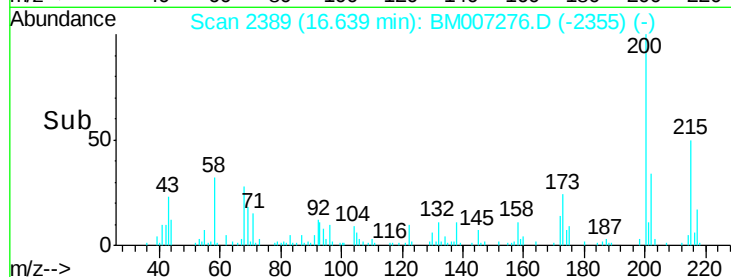
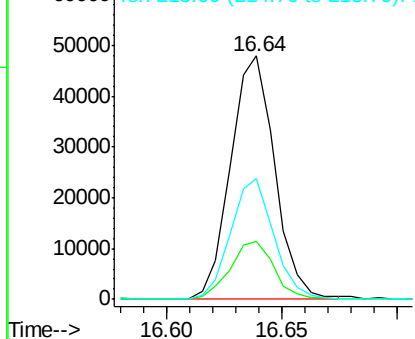
Tgt Ion:	200	Resp:	63814
Ion Ratio	Lower	Upper	
200	100		
173	23.8	18.9	28.3
215	49.7	39.5	59.3

Manual Integrations
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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 1.73 ng/ul

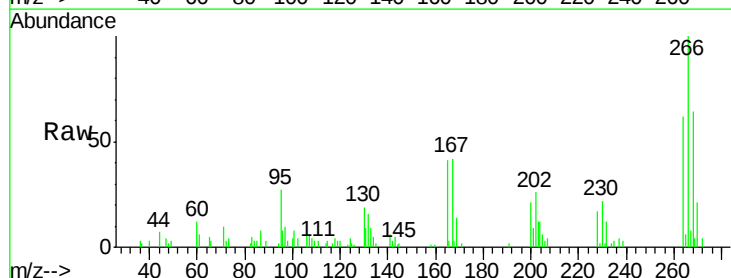
RT: 16.83 min Scan# 2421

Delta R.T. -0.00 min

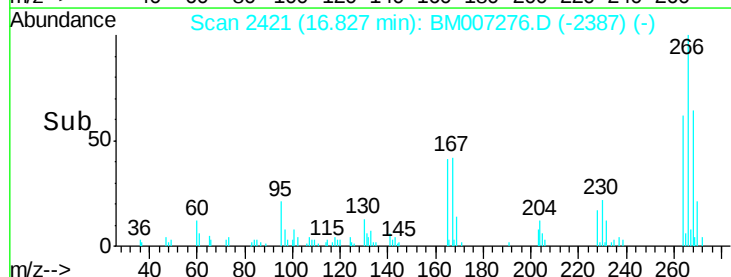
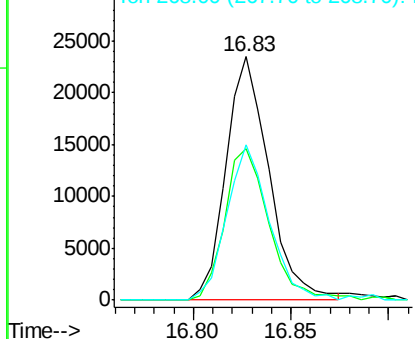
Lab File: BM007276.D

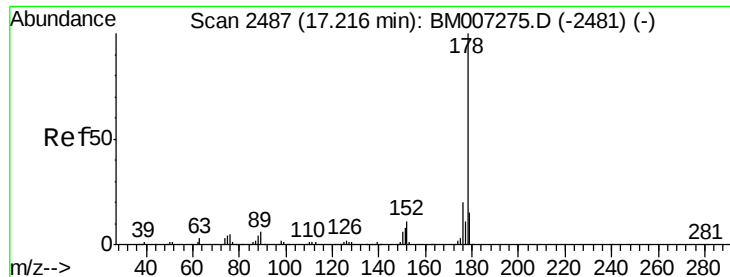
Acq: 24 Aug 2016 11:03

Tgt Ion:	266	Resp:	35830
Ion Ratio	Lower	Upper	
266	100		
264	62.0	50.6	75.8
268	63.8	51.0	76.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





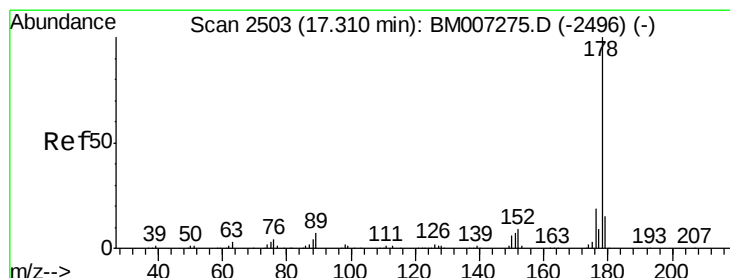
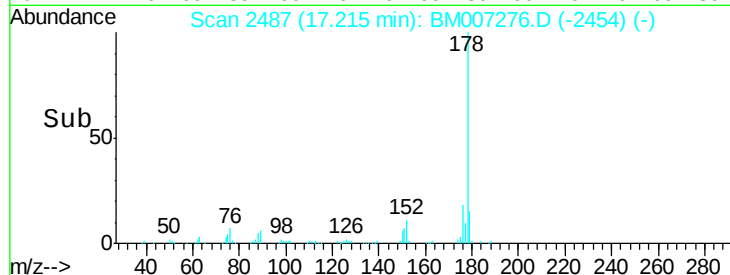
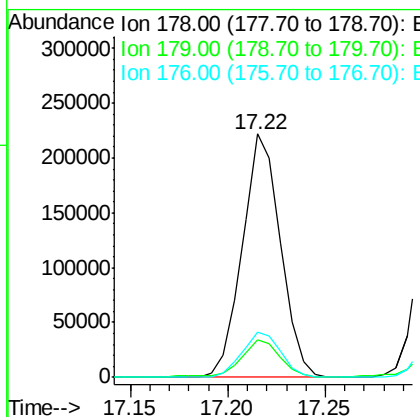
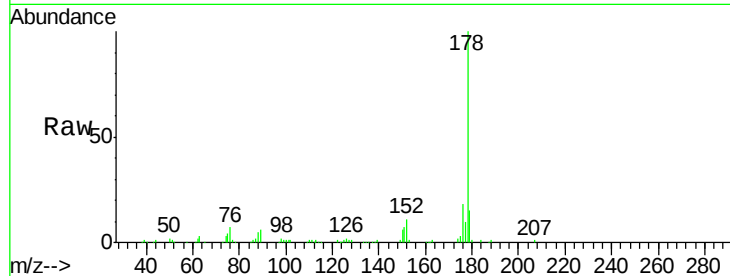
#69
Phenanthrene
Concen: 2.20 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	299203		
179	15.5	12.2	18.2	
176	18.5	15.1	22.7	

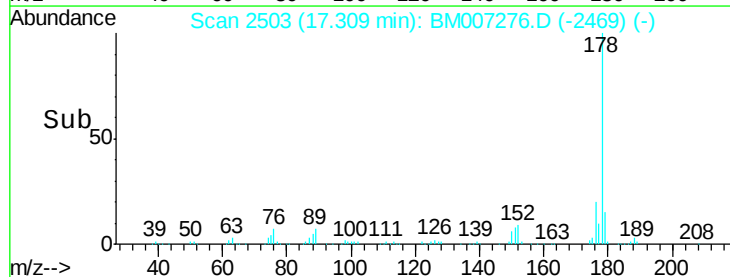
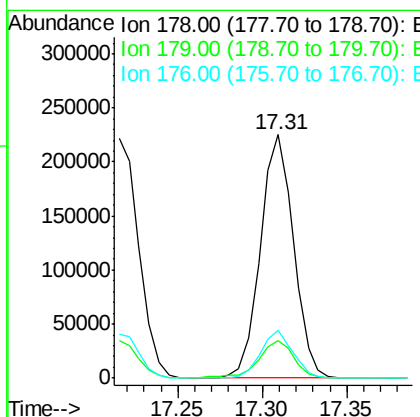
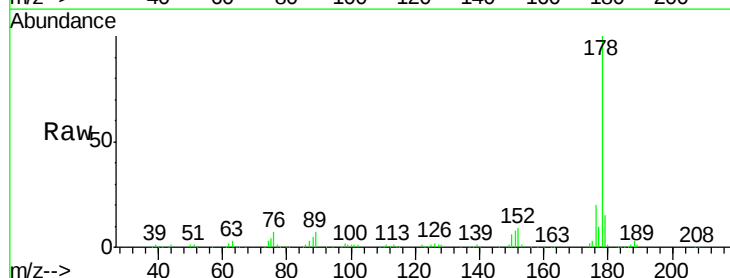
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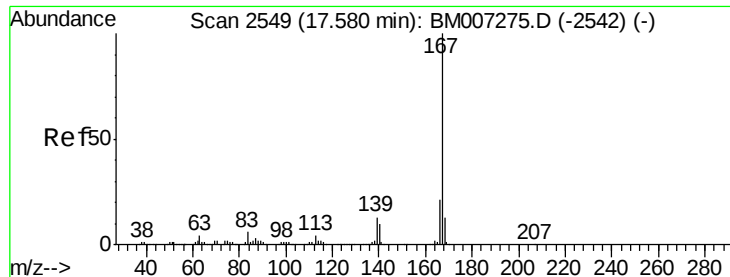
sohil
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#71
Anthracene
Concen: 2.17 ng/ul
RT: 17.31 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	304073		
179	15.4	12.1	18.1	
176	19.5	14.5	21.7	





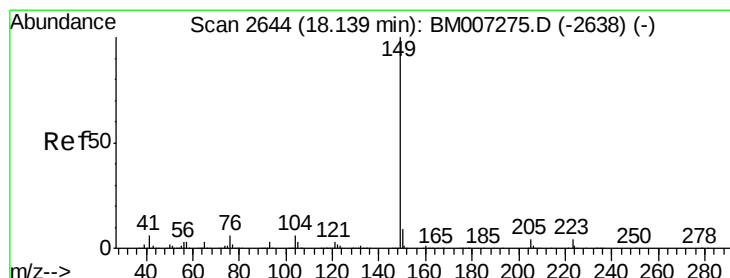
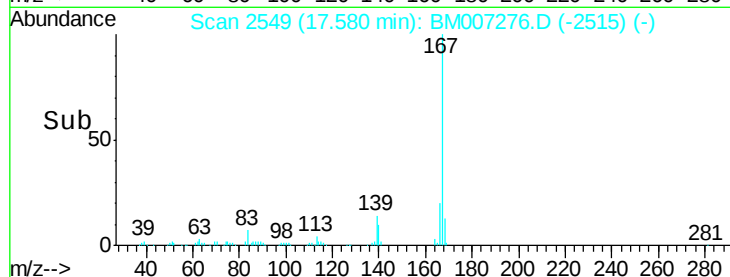
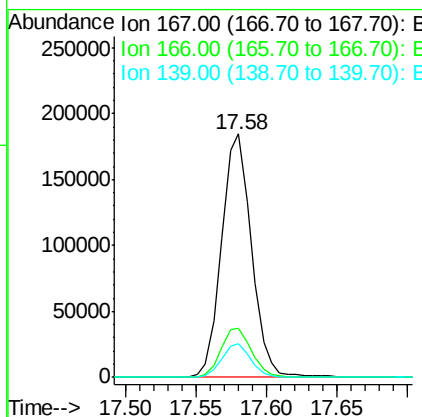
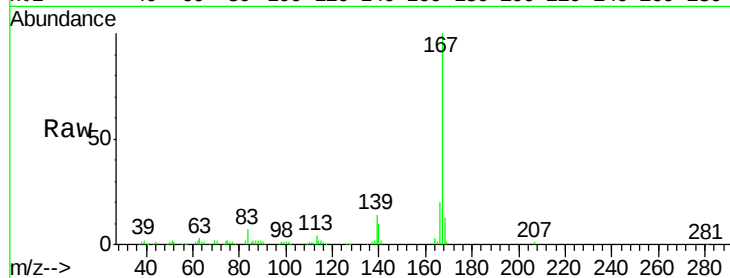
#72
 Carbazole
 Concen: 2.23 ng/ul
 RT: 17.58 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM007276.D
 Acq: 24 Aug 2016 11:03

Instrument :
 BNA_M
 ClientSampled :
 MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	272274		
166	20.4	16.6	25.0	
139	13.7	10.2	15.4	

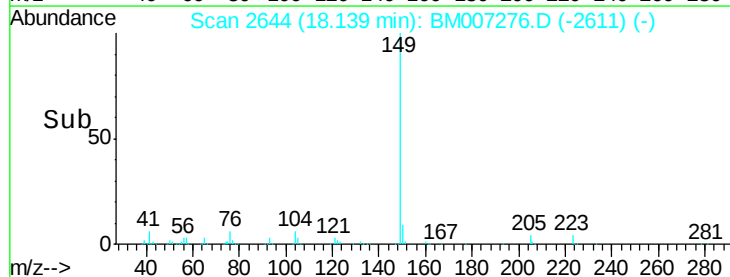
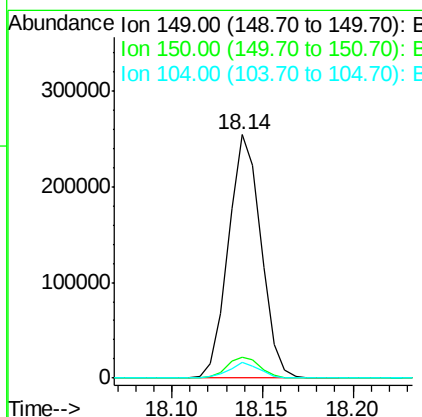
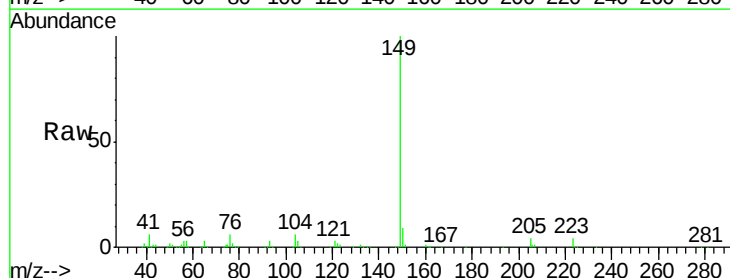
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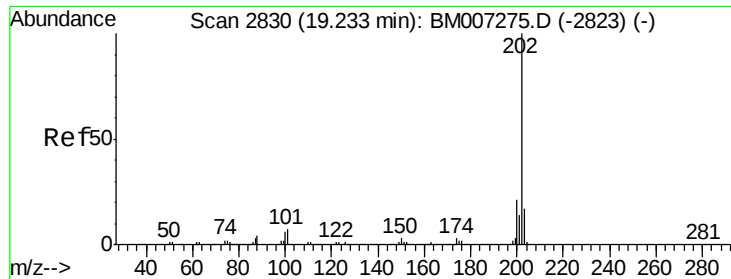
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#73
 Di-n-butylphthalate
 Concen: 2.07 ng/ul
 RT: 18.14 min Scan# 2644
 Delta R.T. -0.01 min
 Lab File: BM007276.D
 Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	318198		
150	8.8	7.6	11.4	
104	6.4	4.6	7.0	





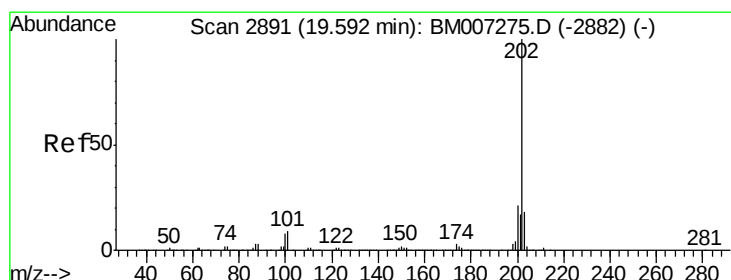
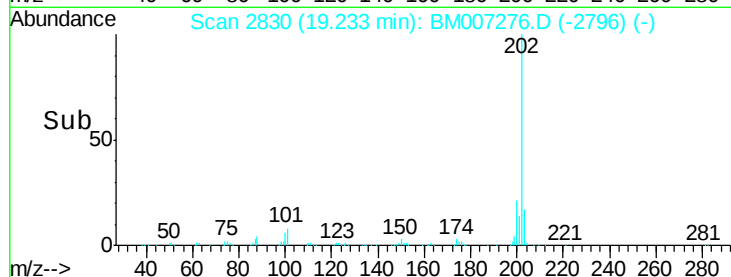
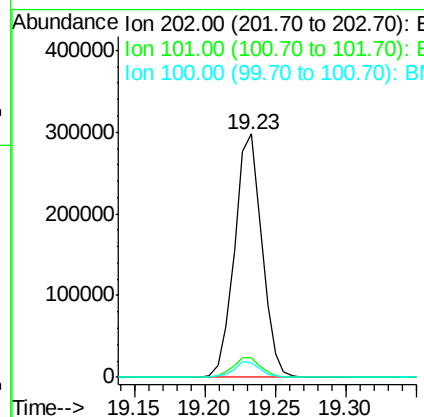
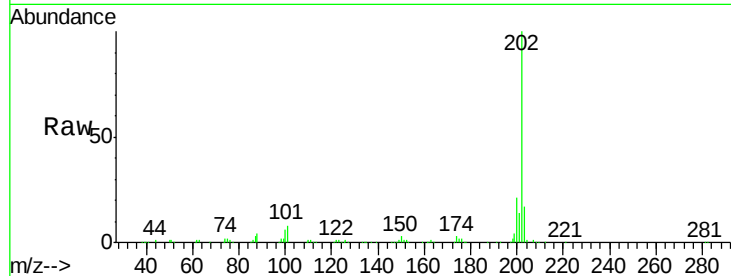
#74
Fluoranthene
Concen: 2.36 ng/ul
RT: 19.23 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.9	6.9	10.3
100	6.0	5.4	8.0

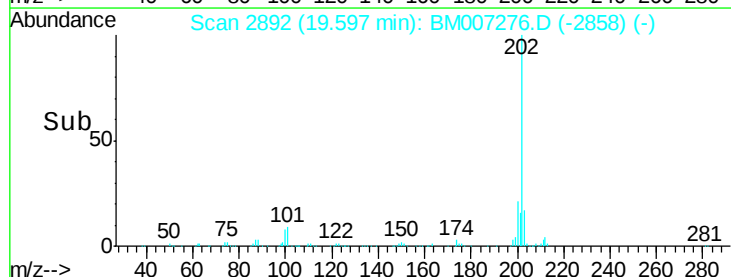
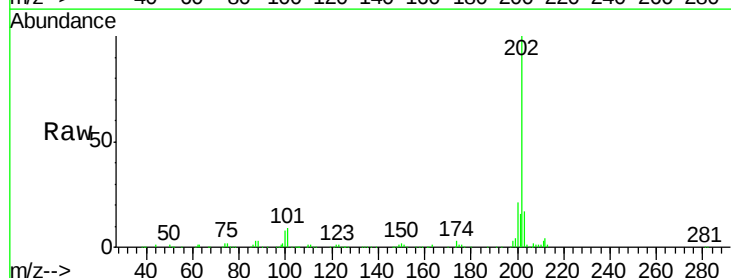
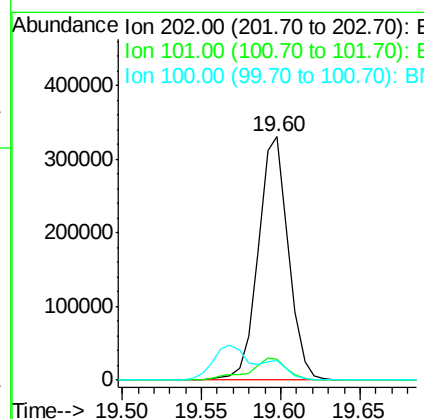
Manual Integrations
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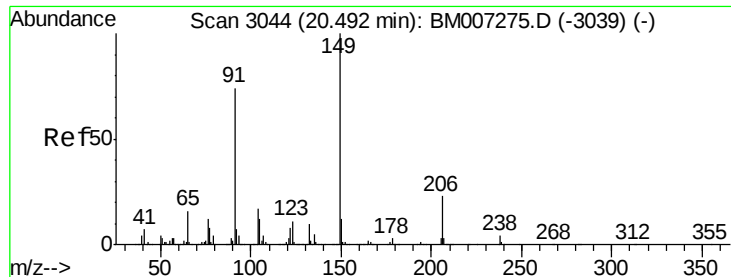
sohil
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#77
Pyrene
Concen: 2.22 ng/ul
RT: 19.60 min Scan# 2892
Delta R.T. -0.00 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.8	8.4	12.6
100	7.9	6.9	10.3





#78

Butylbenzylphthalate

Concen: 1.85 ng/ul

RT: 20.49 min Scan# 3044

Delta R.T. -0.01 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_M

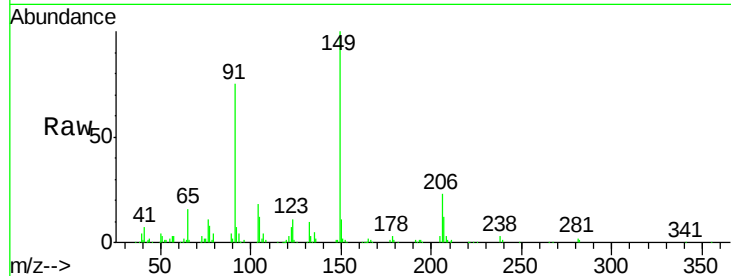
ClientSampleId :

MDL-01-W

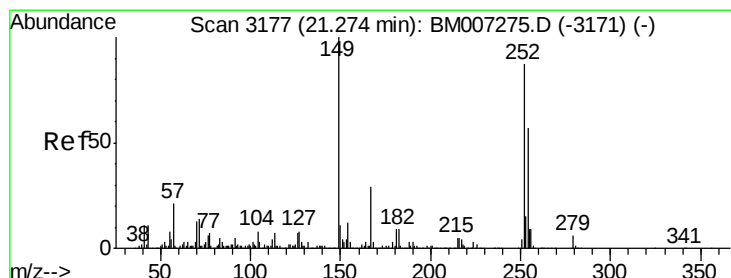
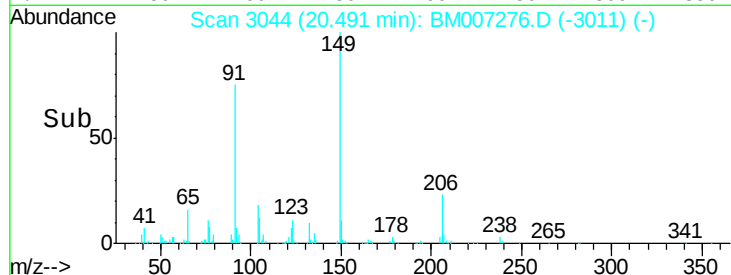
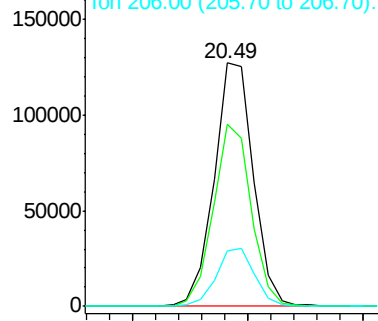
Tgt Ion:	149	Resp:	151556
Ion Ratio	Lower	Upper	
149	100		
91	74.8	57.3	85.9
206	22.8	18.6	27.8

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E



#79

3,3'-Dichlorobenzidine

Concen: 2.14 ng/ul

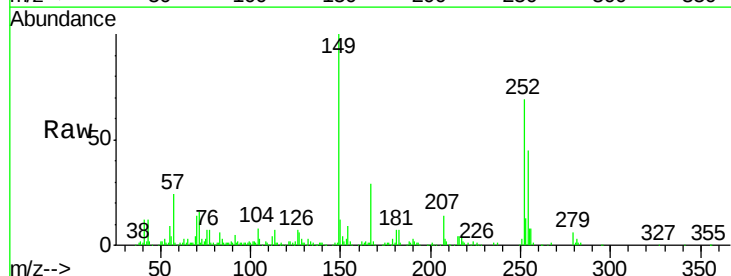
RT: 21.27 min Scan# 3177

Delta R.T. -0.01 min

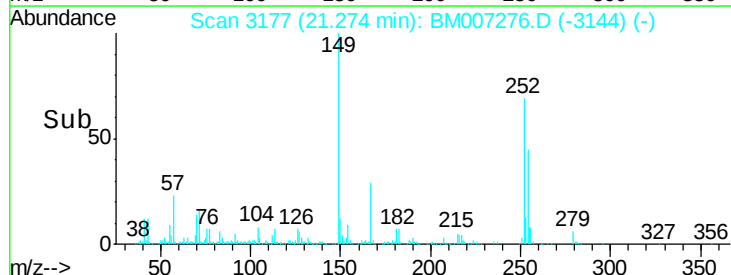
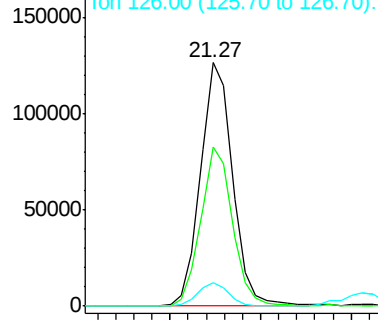
Lab File: BM007276.D

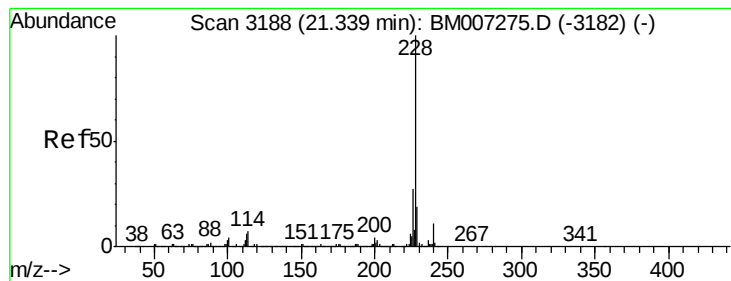
Acq: 24 Aug 2016 11:03

Tgt Ion:	252	Resp:	155846
Ion Ratio	Lower	Upper	
252	100		
254	65.6	51.0	76.4
126	9.5	7.1	10.7



Abundance Ion 252.00 (251.70 to 252.70): E





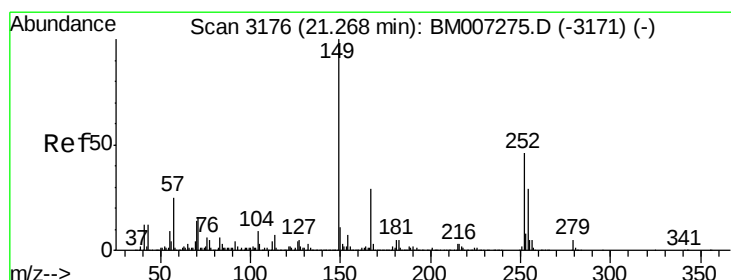
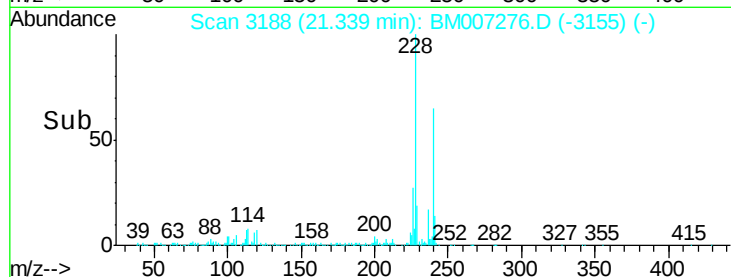
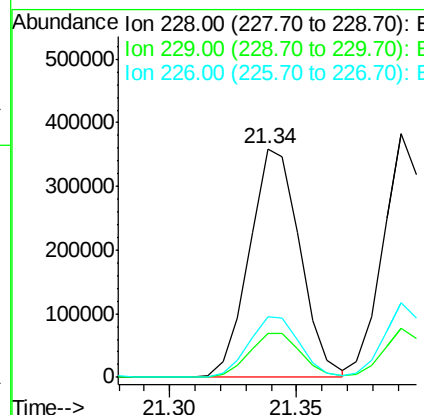
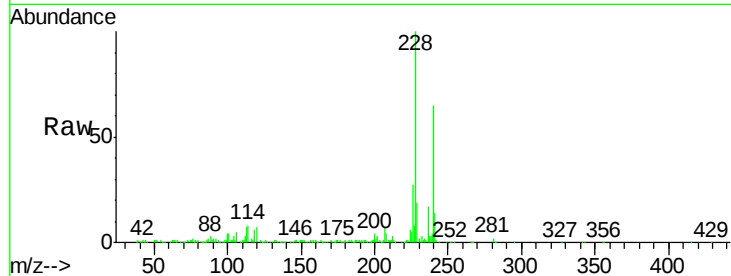
#80
Benzo(a)anthracene
Concen: 2.29 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_M
ClientSampled :
MDL-01-W

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	495352		
229	19.2	15.6	23.4	
226	26.7	21.8	32.8	

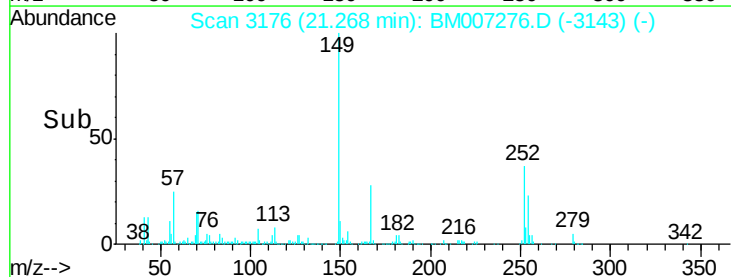
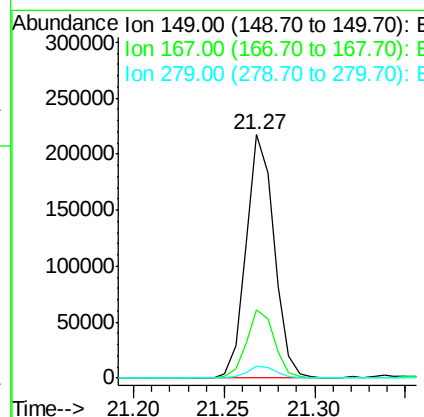
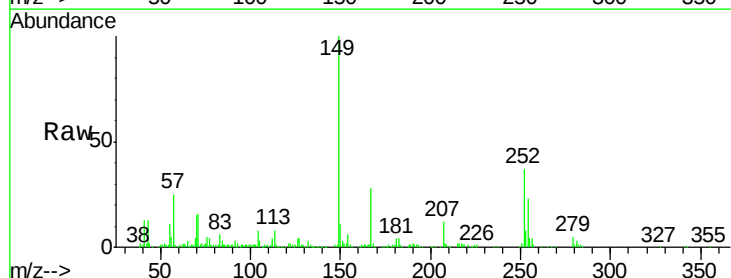
Manual Integrations
APPROVED

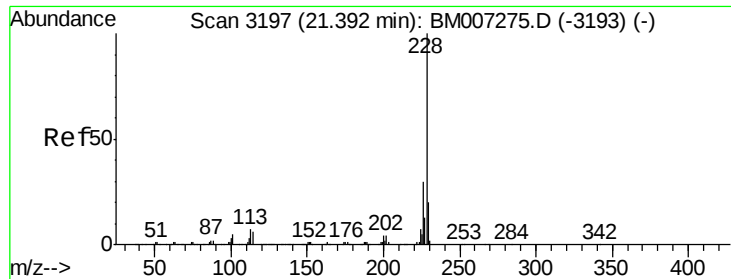
sohil
8/24/2016 7:28:20 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 1.97 ng/ul
RT: 21.27 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	234581		
167	27.9	23.2	34.8	
279	5.1	4.1	6.1	





#82

Chrysene

Concen: 2.31 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_M

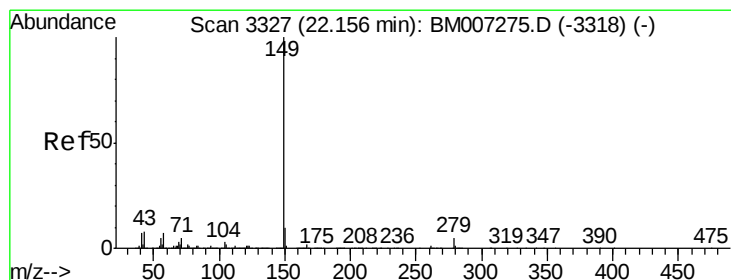
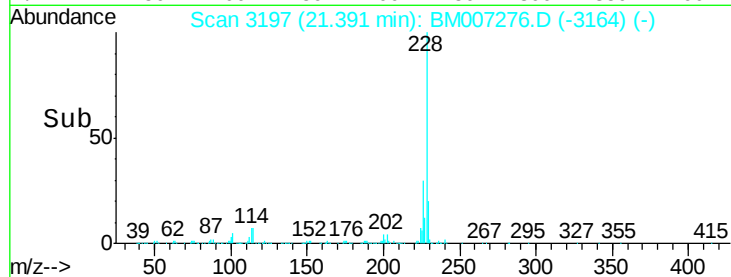
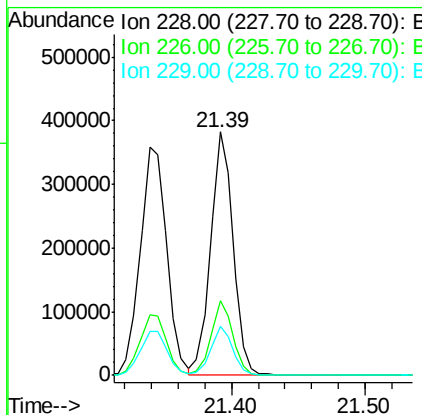
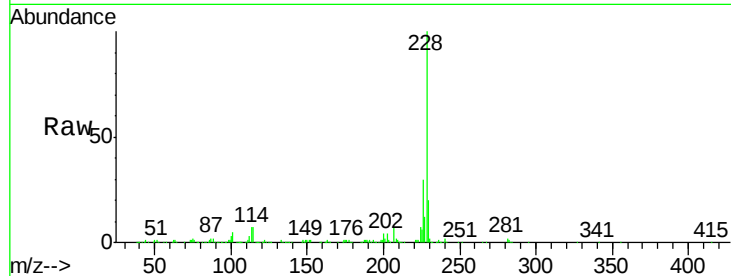
ClientSampled :

MDL-01-W

Tgt Ion:	228	Resp:	452119
Ion Ratio		Lower	Upper
228	100		
226	30.5	23.4	35.2
229	20.2	15.5	23.3

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 2.01 ng/ul

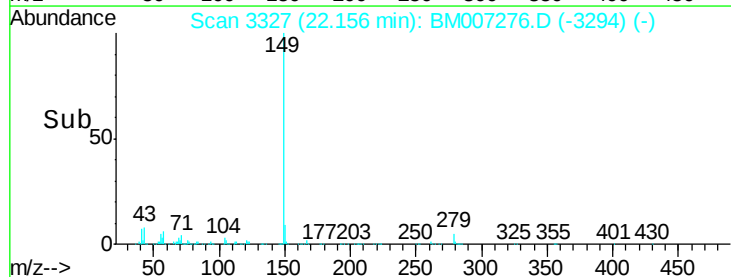
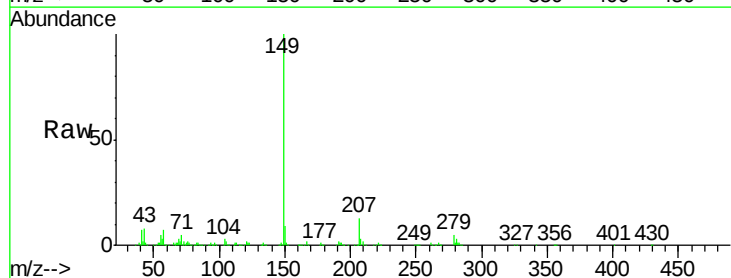
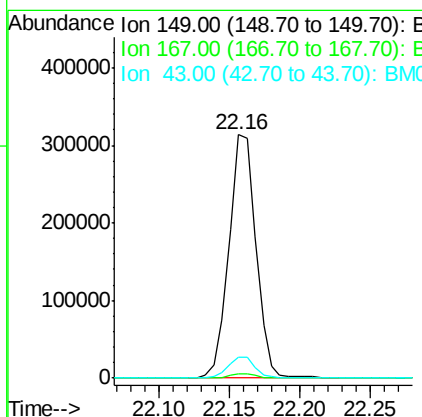
RT: 22.16 min Scan# 3327

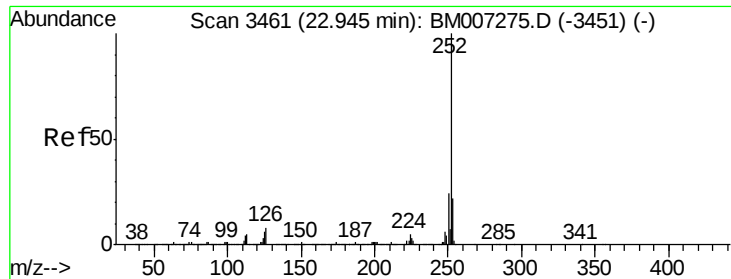
Delta R.T. -0.01 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Tgt Ion:	149	Resp:	416392
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.5	6.6	10.0





#85

Benzo(b)fluoranthene

Concen: 2.29 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. -0.01 min

Lab File: BM007276.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_M

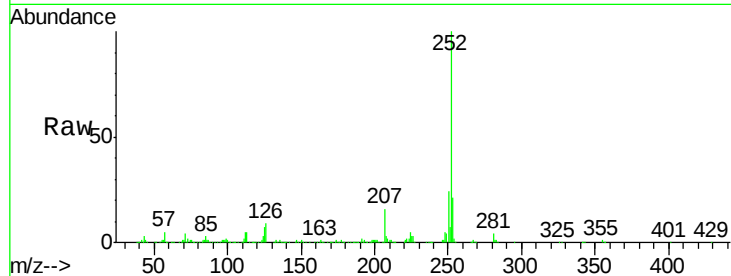
ClientSampleId :

MDL-01-W

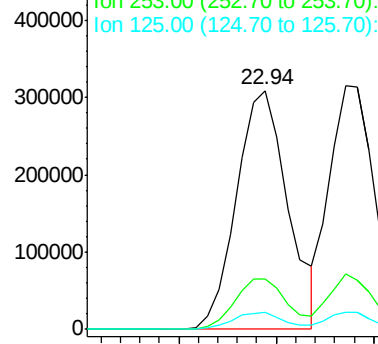
Tgt Ion:	252	Resp:	563565
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.1	25.7
125	7.1	5.8	8.8

Manual Integrations
APPROVED

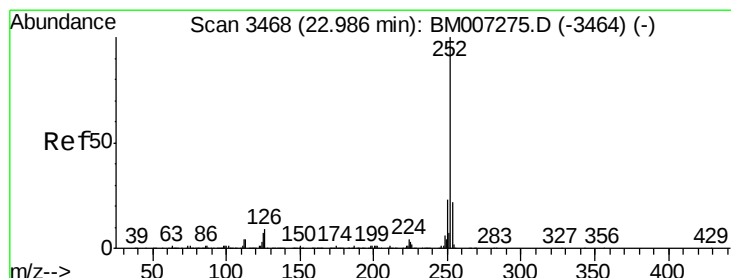
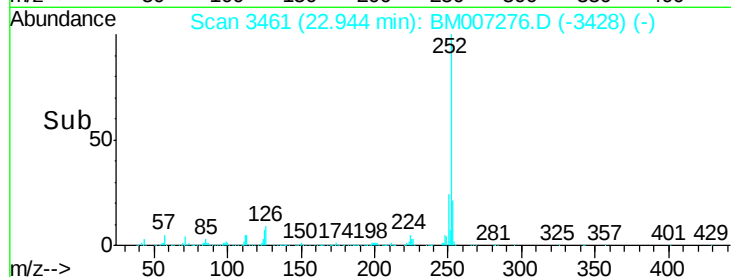
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#86

Benzo(k)fluoranthene

Concen: 2.23 ng/ul

RT: 22.99 min Scan# 3468

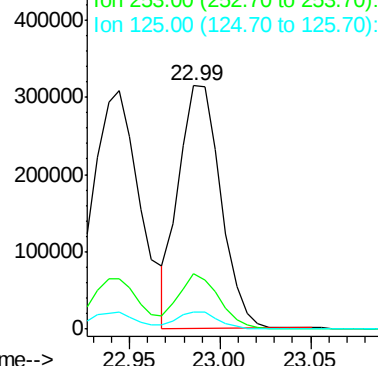
Delta R.T. -0.01 min

Lab File: BM007276.D

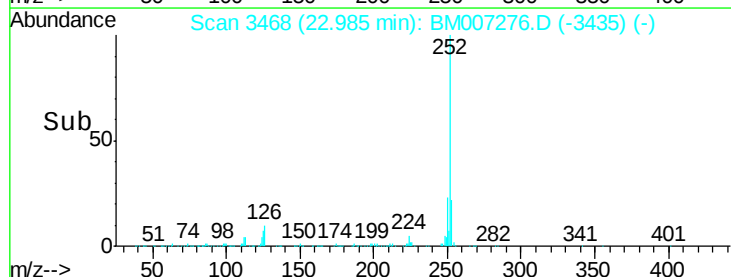
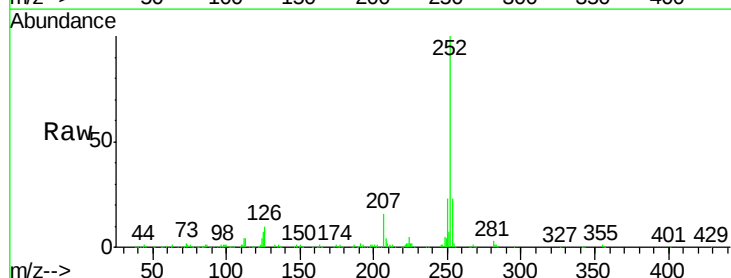
Acq: 24 Aug 2016 11:03

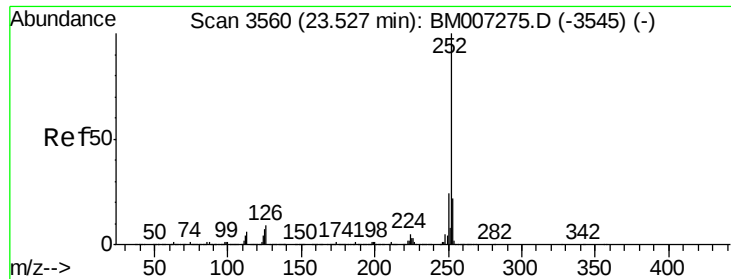
Tgt Ion:	252	Resp:	506364
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.6	26.4
125	7.2	5.7	8.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





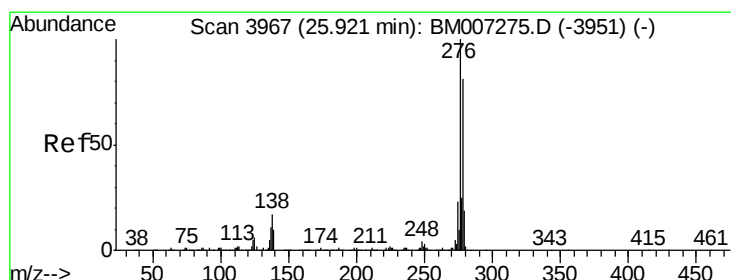
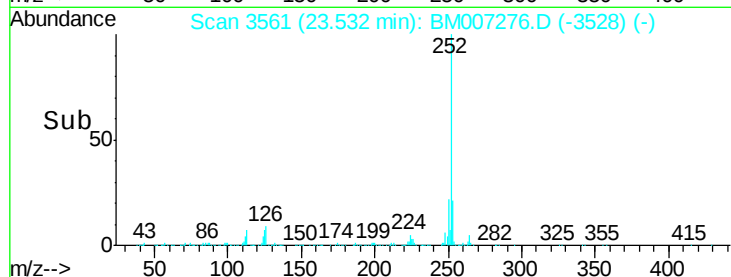
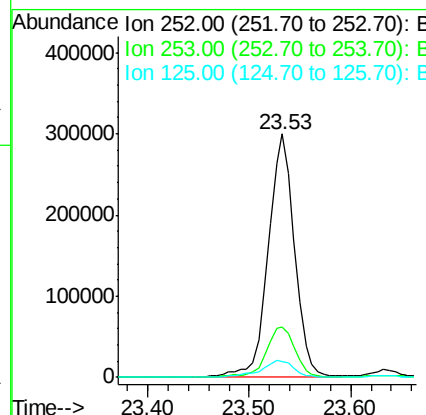
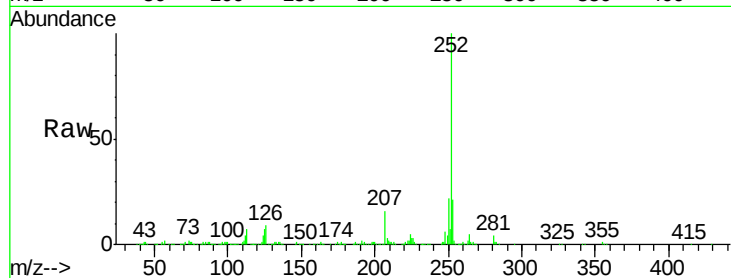
#88
Benzo(a)pyrene
Concen: 2.32 ng/ul
RT: 23.53 min Scan# 3561
Delta R.T. -0.01 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.7	26.5
125	6.7	6.6	9.8

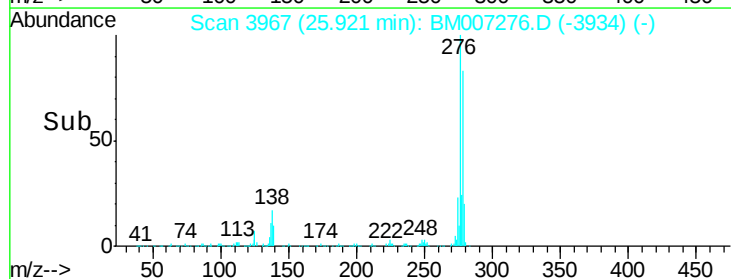
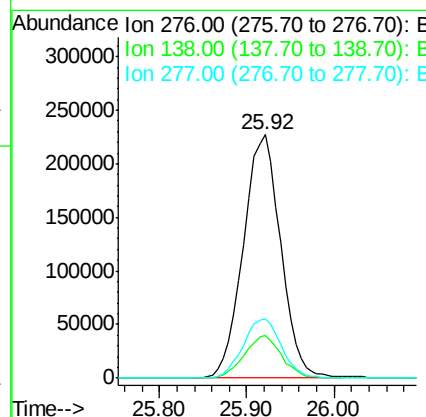
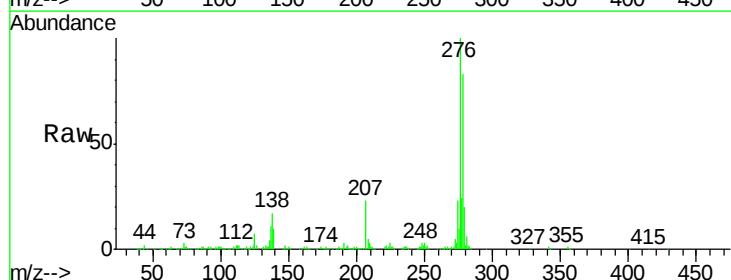
Manual Integrations
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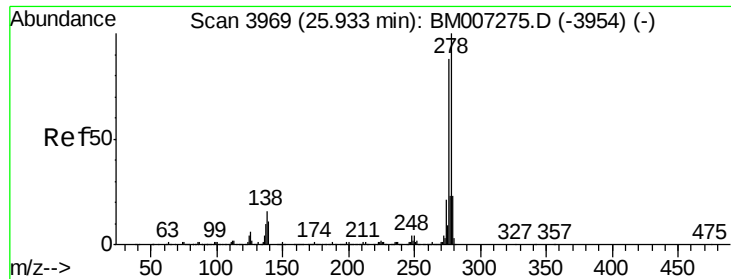
sohil
8/24/2016 7:28:20 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 2.29 ng/ul
RT: 25.92 min Scan# 3967
Delta R.T. -0.01 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	13.9	20.9
277	24.4	20.1	30.1





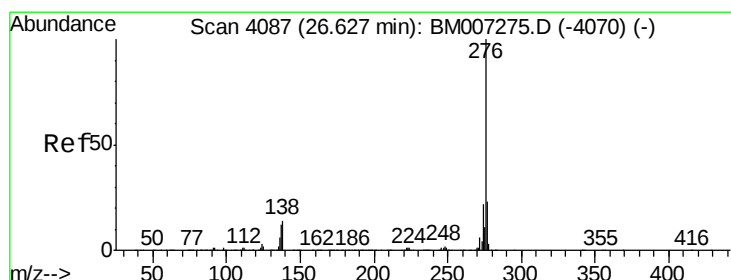
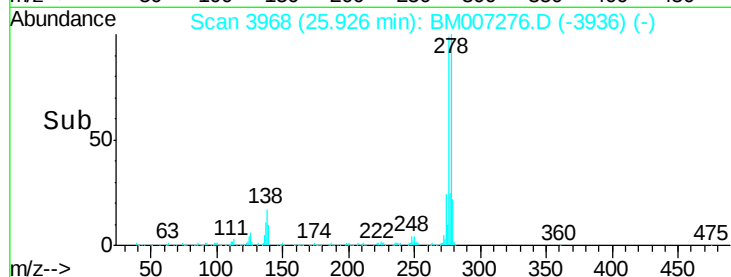
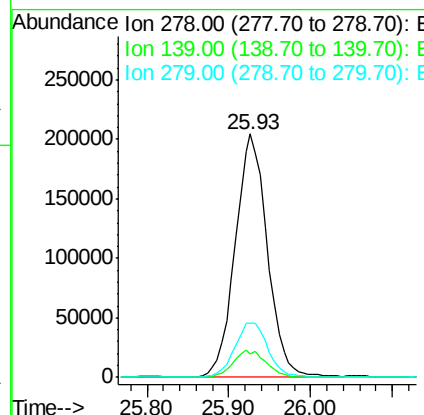
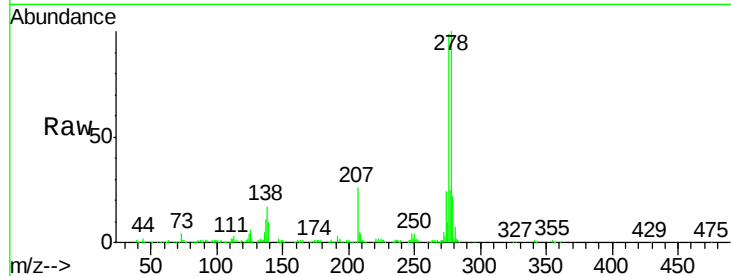
#90
Dibenzo(a,h)anthracene
Concen: 2.33 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.01 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_M
ClientSampled :
MDL-01-W

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.8	9.5	14.3
279	22.0	19.1	28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.26 ng/ul
RT: 26.62 min Scan# 4086
Delta R.T. -0.01 min
Lab File: BM007276.D
Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	13.5	20.3
277	23.7	19.3	28.9

